Rather like a batsman poised on the brink of a half century, the college has begun to look forward to its fiftieth anniversary in 2016. A committee, chaired by Robert Anderson, has been drafting a programme of appropriate celebrations. These will run through the year but be centred on an extended week of events between 5 and 13 August which we hope that many Life Members will attend.

But like the batsman on forty-nine, we have to think of the present as well as looking to the future. 2014-15 has seen the welcome arrival of Amanda Walker as Bursar, following the retirement of Moira Gardiner noted in the last Review. Amanda has joined us with a background in pensions and local authorities and has cast a helpful outsider’s critical eye on our doings, both financial and administrative, at the same time as easing herself very effectively into a rather different environment from the ones that she has been used to. Many thanks to Joanna Womack for holding the fort as interim Bursar.

We say goodbye to Cherie Evans, the Domestic Bursar, who has moved to take up a senior administrative job at Kettle’s Yard. Cherie had been with the college since 2000, and was a great support for me personally as a new President finding his way about. We now welcome Jane Phelps from Clare College as our new Domestic Bursar. Also moved on is Ranj Majumdar, the Development Director. Ranj’s energy and willingness to undertake exhausting trips were astonishing, and I could only envy his seeming ability to recover from them. He has been succeeded by Marie Janson, who comes with a wealth of experience as Head of Development at Alzheimer’s Research UK and at Addenbrooke’s Charitable Trust. Marie will be getting to know Life Members over the next few months as she and I travel around to speak about the college’s 2016 campaign.

One of the most enjoyable aspects of the job of President has been meeting Life Members, both in Cambridge and on their own ground, and I have been touched by their generous hospitality in numerous places. I am very much looking forward to reconnecting with old friends and meeting more members of the Clare Hall family in the coming year as we celebrate our anniversary.

Over the last year we have elected four new Honorary Fellows: the historian Norman Davies, a former Visiting Fellow; soprano Emma Kirkby, who has several times performed in Clare Hall; novelist Ali Smith, one of Britain’s leading literary figures; and
South African Justice Albie Sachs, this year’s Ashby Lecturer. We hope that they feel thoroughly at home as we welcome them as members of our community.

High points of our annual calendar, as for many years, are the Tanner and Ashby Lectures, and this year we were very fortunate to have Peter Galison from Harvard, speaking about Sigmund Freud and the private self (and causing palpable shock in much of the audience as he described just how much the security services could know about us), and by Justice Albie Sachs, retired Justice of the Constitutional Court of South Africa, anti-apartheid campaigner and Honorary Fellow of Clare Hall, who spoke on ‘Liberty, Equality... what happened to Fraternity?’ Ashby and Tanner lectures can be heard as podcasts on the website.

It has also been another good year for the Clare Hall Colloquium. Warm thanks to Adrian du Plessis who is stepping down as convenor after three years of sterling service.

As well, the year saw a programme of Fellow-student events, organised by the Graduate Student Body, where short talks about research were followed by open-ended discussion. In June, eight third-year PhD students presented their work to a mixed group of college members, with Fellows delivering a response to each of them. Less academically, but hugely enjoyable, the Fellows v. Students cricket match was revived and played on the Corpus Christi sports ground in front of a crowd of well over a hundred members of the college community. A full report appears elsewhere in the Review. We hope it will become once more an annual event.

No less important in our daily lives is the food which is available in college. After a retendering process we contracted with a new catering company, who have provided consistently first-class lunches and dinners for us. Formal dinners are now regularly over-subscribed, and lunches are hugely appreciated by members and visitors alike. All college members are as ever welcome to come in and experience what is some of the best food in Cambridge. Thanks to Jason Fretwell and his team.

In February 2015 a large group gathered to celebrate the 80th birthday of Gillian Beer, President of the College 1994 - 2001.

I end on a sadder note, recording the deaths of two Clare Hall members taking us back to an earlier age in the college’s history. Audrey Glauert, a Fellow from 1966 to 1993, passed away shortly after the 2014 Review had gone to press. As well as being an active Fellow of the college she was a remarkable scientist who was the first woman to be elected President of the Royal Microscopic Society. Anthony Low, President from 1987 to 1994, died in Australia in February 2015. He had already been Vice-Chancellor of the Australian National University by the time he came to Clare Hall, and he combined his administrative skills with being a very fine historian. He and his wife Belle, who survives him, will be remembered fondly by all Life Members who were here during his time. Many college members and friends gathered at the memorial services for these much loved members of our community. Obituaries can be found on the college website.

David Ibbetson
President
In June 2014 I visited Clare Hall for my final interview with members of the Governing Body. The prospect of such an encounter was softened by the tranquillity and beauty of the gardens and delightful accommodation provided for my overnight stay. This was a neat trick; I was quickly drawn to this wonderful place, its proud history and collective love of learning. It is a great privilege to belong to this unique academic community.

However, as we enter our fiftieth year, we are all aware that our level of wealth is modest. Financially, Clare Hall is facing an uncertain period ahead. As I write, the college’s endowment (substantially comprised of funds which can only be used for restricted purposes) is in fair shape but this is due only to rising share prices over the last year and these gains could easily evaporate in the current climate. The endowment reflects the efforts to adjust the balance of returns between income generation and capital growth and is supported by a post-recession restoration of company profits and growth. We now have a great deal to do to meet an ambitious financial target to maintain and strengthen the college’s infrastructure and running costs.

A special donation recently enabled us to refurbish House 2 on the main site, to be named ‘The Mary Elizabeth and Donald West King Rooms’, with thanks to our generous donors. We feared that winter might wreak havoc with the college infrastructure but we were fortunate to escape relatively lightly. That said, there are vital repairs that we need to face in the near future – not least, repairs to the aging roof – which we hope Life Members will support.

With new staff and fresh practices, together with the very positive commitment of the long-serving core staff, we are building an effective and efficient administration to provide excellent support to the college over the next phase of its development, leading up the 50th anniversary in 2016 and beyond.

The end of year accounts will be audited in the autumn and will be published on the college website.

Amanda Walker
Bursar
One of the hallmarks of collegiate Cambridge is the chance for students to integrate into a diverse and welcoming community of scholars. At Clare Hall we are very fortunate in possessing a strong and actively-engaged Fellowship – established and visiting alike – who see the college’s students as central to the life of our community. Our regular suppers at West Court give students and Fellows the chance to talk socially about their work. We have benefited greatly from the efforts of Ellen Nye and Caterina Pello, the Fellow-Student Interaction Officers, who organised a series of Fellows’ talks after student dinners on occasional Thursdays and set up a one-day student-led conference which was held in June. June was an exciting month, with the Clare Hall Soiree and the resurrection of the Fellows/Staff vs. Students annual cricket match. The GSB has been ably led this year by President Kay Jerath and Vice-President Sara Trainor and we thank them wholeheartedly for their efforts. We also thank Eleni Charalampous, Visa Kurki, and Jennifer Upton for reviving the popular Members’ Concerts; and Elena Zezlina and LM Toru Yamamori for co-ordinating the regular writing group.

Clare Hall’s tutorial system assists students in many ways. One of our crucial roles is to help when students have difficulties, be they financial, personal or medical, as well as more directly academic. We are aware that the pressures of graduate life can affect mental health. The excellent University Counselling Service (UCS) is often over-stretched, and the NHS is unable to provide all that is needed. Colleges all over Cambridge are thinking about how to improve students’ access to mental health services. University-wide trust funds, such as the Crane’s Benefaction, continue to provide vital support on a case-by-case basis. But more is needed, and the Clare Hall Tutors have established an annual fund for mental health. The aim is to provide funds which can be drawn upon directly to assist Clare Hall students in part or full funding of extended periods of counselling and therapy in a manner that the UCS is not set up to provide. In many respects mental health challenges are much more acute at the graduate level and we are looking to address this in the most positive way possible. Life Members who would like to do more to support student welfare might consider donating specifically for this worthy purpose.

We are very proud of the achievement of all our students at Clare Hall and it is particularly pleasing to find ways to recognise and reward their success. Thanks to the generosity of former President Professor Ekhard Salje, we are able to award the Salje Medal to the best PhD in the Sciences and in Arts and Humanities each year. Since coming to Clare Hall in July 2012 it has been a great pleasure for me to oversee, with the help of the Tutors and the Praelector, the awards listed below. We look forward to announcing the 2013-14 winners in due course. In this and so many other areas of work in the Tutorial Office I am extremely grateful to Dr Ian Farnan, Dr Rosie Luff, Dr Trudi Tate and Mrs Irene Hills for their hard work and support.

We are also proud of Bridget Hughes, our first Indigenous Australian student, who graduated with an MPhil in Education in October 2014. Her studies were supported by a Roberta Sykes Scholarship, the Cambridge Trusts, and Clare Hall.
We are deeply grateful to our donors who support students, including Edward Coales, Jonathan Hart, Mikiko Ishii, Ivan Jankovic, Seung Jun Lee’s family, the Pippard family, Ekhard and Lisa Salje, and others, for their continuing support. Fees are high, and funding scarce, especially in the Humanities, and we appreciate our Life Members’ keen desire to help future generations of scholars.

Finally, it gives me great pleasure to thank one of our former students, Hendrik Puschmann, who has kindly offered a donation to establish an essay competition for our student members, which will be run for the first time in Michaelmas 2015. The idea is excellent and fits very well into the ethos of Clare Hall as a multi-disciplinary academic community. I look forward to announcing the winner in the 2016 Review!

Iain Black
Senior Tutor

SALJE MEDAL AWARDS

<table>
<thead>
<tr>
<th>YEAR</th>
<th>PhD SCIENCES</th>
<th>PhD ARTS &amp; HUMANITIES</th>
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<tbody>
<tr>
<td>2010-11</td>
<td><strong>Cajetan Neubauer:</strong> Structural aspects of quality control in protein synthesis</td>
<td><strong>Sean McConnell:</strong> Philosophical life in Cicero’s letters</td>
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<td>2011-12</td>
<td><strong>Sheikh Tamir Rashid:</strong> Human induced pluripotent stem cells for in vitro modelling and cell based therapy of α-1 antitrypsin deficiency</td>
<td><strong>Stephen E. Mawdsley:</strong> Fighting polio: selling the gamma globulin field trials, 1950-1953</td>
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<td>2012-13</td>
<td><strong>Bernhard Lechtenberg:</strong> Thrombin allostery and interactions probed by NMR spectroscopy and crystallography</td>
<td><strong>Sean Bottomley:</strong> The British patent system during the industrial revolution, 1700-1852</td>
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I am incredibly excited about joining Clare Hall as the new Director of Development. My background is medical studies at the Karolinska Institute in Stockholm, which developed into studying for a PhD in Molecular Genetics (1992). This involved close research collaboration with the MRC-LMB at Addenbrooke’s and inevitably I settled in Cambridge permanently, moving from research into business consultancy, marketing and finally into not-for-profit development, often with a research or academic angle to my work.

I very much look forward to engaging with the Clare Hall community of Fellows and Life Members, and am already appreciating the open and friendly atmosphere here in the College. Thank you for making me feel so welcome.

This is not just a special place, but also an exciting time to join the college, since we are coming up to an important milestone in the history of Clare Hall, with its 50th Anniversary next year. That is 50 years of students and Fellows who have enjoyed the unique environment at Clare Hall, forming a body of over 6,000 Life Members. We have managed to stay in touch with many of you, but we have unfortunately lost contact with some. One aim in 2015, in the lead up to the Anniversary is to reconnect with as many of you as possible so we can capture your stories and experiences of being at Clare Hall, as well as engage you in the events we are planning for our Anniversary in 2016.

Do please get in touch with suggestions and thoughts on how we can commemorate and celebrate the vision of Clare Hall. I look forward to hearing from as many of you as possible. There will be a series of events here in Cambridge, and also local gatherings of Life Members at various locations in Europe, Asia, Australasia and North America. Look out for us on Facebook and Twitter, as well as on our website. We always welcome any invitation to host events for Life Members of Clare Hall.

In the past year, alongside the usual wealth of art, music, literature, and lectures, we enjoyed special events such as Canada Week and a Garden Party in the summer. We ran a successful Telephone Campaign in the autumn, and special Life Member events were held by Clare Hallers in Spain and Germany. We were pleased to return to full participation in the Alumni Weekend in September 2015. We welcome our new Development team, Catherine and Alice, who look forward to helping you with any queries.

As I write, the website is in the process of being thoroughly updated and moving to a new server. This is a large job, and we thank you for your patience. We look forward to keeping you up to date more effectively in the future. Thanks to Web Administrator Sarah Hainsworth and Fellow Editor Trudi Tate for their work on this rather daunting task. And grateful thanks to retiring Webmaster Denis Bilodeau for his years of generous service to the college, and to Richard McMahon for his help with technical changes.

Next year we will be launching a campaign to raise vital funds towards securing the future of Clare Hall. We need support for students, in the shape of bursaries and scholarships, but we also need to maintain the physical environment which enables students to come here to work and interact with fellow scholars, and welcomes Life Members back for visits.

When the College was founded in the 1960s, there was a very different climate of investing in higher education. However, what has not changed is the crucial role Clare Hall has as a welcoming place for graduate students and Visiting Fellows to develop their ideas and work in a friendly and intellectually stimulating atmosphere. Many of you have stories about the impact your stay at Clare Hall has had on your career and your work, and we want to be able to keep on providing this wonderful opportunity for future generations of scholars. For this we really need to consolidate and build up our modest endowment so Clare Hall can have a future. We do hope you can help.

There are so many ways in which you can show your support, no matter how small. Please consider giving a monthly sum, a lump sum or leave a gift in your will for future Clare Hallers.

I look forward to being in touch.

Marie Janson
Development Director
Donors 2014-15

We gratefully acknowledge the following individuals and organisations for their generosity during the 2014-15 academic year. We are also grateful to those donors who wish to remain anonymous, have given gifts in kind, or made a bequest to the college.

Organisations
Amazon
BP International
Cambridge University Press
Santander
Tanner Foundation

Individuals
Andreas and Jennie Acrivos
Stephen Adler
Pelin Akan and Martin Sahlén
Camilla Andersen
Friederike Andersen
Edward and Donna Andrew
Mireia Aragay
Anona Armstrong
Dean Arnold
Walter Arnstein
Jon Arrizabalaga
Allan Ashworth
Julian Barquin Gil
David Bates
Gillian Beer
James Beldon
Richard Bell
Steven Bembridge
Marion Berghahn
Sharon Berlin
Joan Bestard Camps
Massimo Bianchi
Gary I Biasini
Michael Black
Frederic Blanc
Maria Blanco Rey
Helaine Blumenfeld
Lee Bollinger
Shlomo Bolts
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Karsten Dinesen
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Richard Eden
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David Embury
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Andrea Gamberini
Graeme Garrard
Nuria Garro Martinez
Semiu Gbadebo
Theodore Geballe
Karlien Geens
Ian Gentles
John Gillis
Alfred Goldhaber
Ann Goldstein
Jose Gonzalez Garcia
Bo Göranzon
Ian Greene

Emily Grosholz and Robert Edwards
Detlev Gross
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Harald Hagemann
Michael Hall
Jaana Hallamaa
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Markus Harder
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Takehiko Hashimoto
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Christina Haubrich
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Rupert Housley
Guy Hovis
Jonathan Howard
Leslie Howsam
Feng Huang
Rowell Huesmann
William Humphrey
Christian Illies
Mikiko Ishii
Peter Ives
Howell Jackson and Elizabeth Foote
Peter Jansson
New Research Fellows

Gabriel Byng

Gabriel has a BA from Cambridge, and an MA from the Courtauld Institute, where he won the Director’s Prize. His dissertation on Exeter Cathedral was published in the Journal of the British Archaeological Association and won the Reginald Taylor and Lord Fletcher essay prize. He wrote his PhD at Cambridge with scholarships from the Lightfoot, Ellen McArthur and Ochs Trusts. His current research explores the development of parochial institutions during the late Middle Ages and early modern period, asking how they adapted to or resisted religious and political change.

Gabriel has taught at Oxford, Cambridge, Birkbeck and the Courtauld, and is a consultant for heritage bodies and architects’ practices. He is the editor of Mausolus, the journal of the Mausolea and Monuments Trust, and a trustee of Caius House, a youth club in Battersea.

Kamolchanok Claire Chewapreeca

Claire is a Sir Henry Wellcome Postdoctoral Fellow. She read Natural Sciences at the University of Cambridge and completed her PhD at the Wellcome Trust Sanger Institute on microbial genomics in 2014.

Claire is originally from Thailand and has a long-standing interest in tropical diseases. She is working on the genetic basis of a bacterial pathogen that causes melioidosis, an infection that can be fatal within 48 hours, highly endemic in Southeast Asia, which remains understudied. Melioidosis presents with a broad range of clinical manifestations, from liver abscess to pneumonia. Claire is mining the bacterial genomes for genetic factors that facilitate disease development, and the specific factors that influence patterns of clinical presentations and severity. The computational predictions will then be validated in an animal infection model. A better understanding of bacterial components and their geographical distribution could improve the management of this disease both locally and globally.

Romain Guilbaud

Romain is a biogeochemist who studies the evolution of the Earth’s environment. He has an MSc in Geology from the University of Grenoble (France), and a PhD in Experimental Geochemistry at the University of Edinburgh. He had a post-doctoral position as a biogeochemist with Professor Simon Poulton at the University of Leeds, where he worked on nutrient cycling during the Neoproterozoic era. He now has a second post-doctoral position with Professor Nicholas Butterfield at the Department of Earth Sciences, University of Cambridge. His subject is Ocean chemistry at the dawn of animal radiation.

Romain takes a multidisciplinary approach to his work, using geology, isotope geochemistry, experimental geochemistry, organic chemistry and palaeontology in order to understand the processes which have shaped the atmosphere-ocean-biosphere system into a habitable planet. His publications include articles in Geochimica et Cosmochimica Acta, Science, and the Journal of Asian Earth Sciences.

Alison Mather

Alison Mather has a BSc in biomedical toxicology and an MSc in epidemiology, working on Escherichia coli O157, from the University of Guelph, Canada. Her PhD at the University of Glasgow took an epidemiological and ecological approach to the study of antimicrobial resistant infections. After completing her PhD in 2011, she worked at the Wellcome Trust Sanger Institute as a postdoctoral fellow and senior staff scientist. She is lead author of a 2013 genomic study in Science which showed that Salmonella populations in humans and animals living side by side are more different than is commonly believed.

She is now a BBSRC Anniversary Future Leader Fellow at the Department of Veterinary Medicine, Cambridge. Her current research involves the application of phylogenetic and statistical tools to investigate multi-species host dynamics and antimicrobial resistance of bacterial pathogens, such as Salmonella enterica. She has contributed to the Cambridge Creative Network Pint of Science project, a collaboration between artists and scientists.
Tim Stuart-Buttle

Tim Stuart-Buttle is a postdoctoral Research Fellow on the ERC-funded project Crossroads of Knowledge in Early Modern England: The Place of Knowledge.

Tim’s DPhil in History at Worcester College, Oxford explored the importance of a tradition of Ciceronian academic scepticism in the development of British philosophy from John Locke to David Hume (c.1660-1760). It indicated the centrality of Cicero for contemporary understandings of the interrelationship between epistemology, moral philosophy and religious apologetic.

Tim’s current project explores the development of English moral theology and political philosophy from Richard Hooker to John Locke. In part this will be a historical exploration of the conceptual genealogy of ‘things indifferent’. It will examine how and why the concept of adiaphora was increasingly employed in England to demarcate the legitimate – and perhaps discrete – jurisdictions of both civil and religious authority under a divinely-authored law of nature. Tim aims to advance our understanding of the English contribution to wider European debates regarding natural law and toleration.

Catalina Taltavull

Catalina Taltavull is a Research Associate in the Department of Materials Science and Metallurgy, Cambridge. She has a degree in Technical Aeronautical Engineering from the Universidad Politecnica de Madrid, and an MSc in Structural Materials for New Technologies from Universidad Rey Juan Carlos and Universidad Carlos III. Catalina then worked at EDAG Engineering as an Aeronautical Designer in fluids and electrical systems.

She moved to the Materials Science and Engineering Department of the Universidad Rey Juan Carlos, Spain in 2010, where she developed her PhD work on the wear and corrosion behaviour of magnesium alloys, funded by the Spanish Science and Innovation Department. Catalina joined the Cambridge Composite and Coatings Group in 2014. She is working to improve our understanding of volcanic ash attack, contributing to the development of guidelines for safe ingestion limits (to uncoated and coated parts), and developing new thermal barrier coating formulations for improved protection for gas turbine aero-engines.

Keri Wong, Betty Behrens Fellow

Keri obtained her PhD in Psychology at the Centre for Family Research, Cambridge in 2014. She works on the assessment and understanding of children’s mental well-being, focusing on how and why some children develop extreme social mistrust (an attenuated form of paranoia) towards others.

Her PhD was the first to establish the prevalence, structure and mental health correlates of social mistrust in 2,500 UK and Hong Kong children aged 8 to 14. She went on to develop the first child-appropriate dimensional measure of mistrust.

As the Betty Behrens Fellow, Keri will address the question of causality: What causes mistrust? Using a multiple timepoint prospective study of 10- to 11-year olds in the UK, she will explore the cognitive and social causes of childhood mistrust in order to develop early preventive assessments and interventions.

Keri supervises undergraduates in Psychology, enjoys tennis and is an avid painter.

Keiko Yata

Keiko’s research interest lies in how one cell divides into two. At the Gurdon Institute, School of Biological Sciences, University of Cambridge, Keiko’s work focuses on understanding the molecular mechanisms of how cells enter the mitotic phase of the cell division cycle and how their division into daughter cells are regulated.

Keiko has recently taken the well-trodden path from Oxford to Cambridge. She was at Green Templeton College and the Sir William Dunn School of Pathology where she investigated how repair of damaged DNA is regulated in dividing cells. Prior to this, Keiko was at Linacre College and the Laboratory of Molecular Biophysics for her DPhil where she studied the biophysical aspects of proteins that regulate cell division. Her publications include articles in *Molecular Cell* and *Cell Reports*. She is interested in science outreach for all ages and in communication between science and art.
Student News

As always, Clare Hall Students successfully balanced social activities with their academic commitments. For the 2014-15 academic year the Clare Hall Graduate Student Body (GSB) organised an array of sporting and social activities. We started with a Welcome Week for new graduate students, with a drinks reception, a walk to Grantchester meadows, punting on the Backs and a start of term party.

The new GSB Committee was elected at the beginning of Michaelmas Term. The Social Committee, in conjunction with the Bar Manager, commenced planning immediately and produced a diverse Clare Hall social calendar. Highlights included Sunday film nights, trivia nights, a Halloween party and a Christmas party that served mulled wine and raised money for UNICEF. Thanks to the work of last year’s committee, college members also enjoyed the use of an amazing music room, with a great new range of equipment, on the ground floor of the ALB.

In Lent Term, the External Affairs Officer prepared a series of formal swaps with other colleges; highlights included Trinity and King’s. The Student-Fellow Interaction Officers organised Thursday night talks by Fellows as well as a conference and wine and cheese socials. The Welfare Officers prepared a number of events for students, which focused on reducing stress and teamed up with the NHS to increase awareness about sexual health. The Sports Officer re-established the Clare Hall football team and facilitated, with the aid of the Treasurer, a variety of other sports such as tennis, squash and badminton for students to play. The Environmental Officers organised a competition to reduce electricity consumption between the houses with the winning house receiving a free dinner. Students and Fellows also enjoyed a number of brilliant formal dinners, including a Jazz formal, throughout the year.

Finally, in Easter term, this year’s May Ball Committee, with the assistance of the GSB Committee, produced a superb Summer Soirée on the theme of Starry Night: Lost in La Belle Epoque. This event brought the Clare Hall community together to celebrate the end of the 2014-15 academic year. Warm thanks to all involved, to both GSB Secretaries, and to all the GSB Committee for their hard work this year.

Kay Jerath, GSB President and Sara Trainor, GSB Vice-President

Clare Hall GSB Committee 2014-15

President: Kay Jerath
Vice-president: Sara Trainor
Treasurer: Li Li Tan
Secretaries: Riham al Ismaili, Giovanna Maria Dimitri
FSI Officers: Ellen Nye, Caterina Pello
Welfare Officers: Eleni Charalampous, Laura Wittemans, Luna Sabastian
Social Events Officers: Carla Pastorino Campos, Janine Ostick, Claire Petelczyc
Bar Manager: Anna Ntiriwah-Asare
Sports Officer: Kaveh Jahanshahi
External Relations Officer: Kevin Meng
Environmental Officers: Pauline Chone, Francisco Castellano Ruz
Midsummer’s Day 2015 dawned warm and clear enough after days of cold and cloudy weather. This was a just reward for Senior Tutor Iain Black who, together with Architecture Research Student Aftab Jalil, had spent months planning the resuscitation of Clare Hall’s Grand Challenge Cricket Match between Staff & Fellows and Students. This most happy of college events had been in abeyance since 2008.

At 2 p.m. sharp, on the nearby Leckhampton Cricket Ground, while Lene Foss took photos, Staff & Fellows (in smart new black T-shirts) and the Students (in white) assembled to hear Umpire Andy Taylor (in blue) read out a special set of bye-laws involving byes and other extras. These bewildered everybody except whizz top scorers, Liz Ramsden and Farhana Ghelani.

The Students batted and disaster struck for them as opener Desmond Lam, playing his first ever cricket, faced a corker first ball from Tim Stuart-Buttle that shattered his stumps. This tragedy energised his fellow-opener, Kai Mikkonen who, also playing for the first time, immediately thrashed a ball to the boundary. Thereafter, Captain Aftab and his Vice Elliott More, took charge and sent the poor Staff, often a bit creaky, chasing about the field. To rub it in, baseball stars from across the Pond, Robin Borchert and Nicolas Erard, added a host of home runs, in the process encouraging their team-mates to chant and cheer from the bleachers. Belal Chaudhary and Ram Rawat did the Sub-continental diaspora proud in piling on further pressure.

For the Staff it was thin pickings. John Barrow took a calculated catch but otherwise butter-fingers prevailed. When gallant wicket-keeper Ian Farnan took a nasty hit in the face (requiring six stitches), early tea was taken and shortly afterwards the Students declared at 145 for the loss of only 3 wickets.
When the Staff went in to bat, and with the delicious tea-time spread beginning to take its toll, they were met by a steel inner and outer ring of fielders centred on the formidable duo of Aftab and Elliott operating as alternating bowler and wicket-keeper. Alas, before you could say Jack Hobbs, four of the top-order Staff batsmen had been dismissed for ducks, newcomer slogger John Regan having skied a catch to Amanda Walker (her opposite number, Kathreen Ruckstuhl, being heard to say she wished she’d held on to a similar chance).

Opener Tim S-B introduced himself to the college with as strong an innings as was played all afternoon and Jason Fretwell helped him delay the inevitable. Captain Iain Black and his Vice Sam Martensz played doggedly for the draw that the bye-laws did not allow for, but the tail, apart from Ian Farnan boldly striking a few blows to counter the one he had received, failed to wag and, even with the addition of a twelfth man, the Staff bottomed out at just under 100 for the loss of 11 wickets. In the field Iranian Kaveh Jahanshahi bravely managed to get a limb in the way of everything, Canadian rookie Robert Nishida bowled a last over and the rout was complete.

Not that the scores seemed to matter to the spectators, many of whom couldn’t follow the intricacies of the game anyway and, sadly, remained unenlightened since Tim Cottage was thwarted in his plan to provide an amplified commentary. The players one and all, including Desmond Lam who got everyone to autograph his bat, were only too happy to have revived this most sociable of college traditions, Dutch judge Michiel Vanderwolf even declaring he had learnt much about British justice in being stumped out.

Everybody who could, including the second Umpire, Darshil Shah, the only (Thailand) international player present, adjourned to Formal Hall where former college Vice-President John Parker lauded the occasion and presented the John Garrod Shield to Aftab as Captain of the winning team while Tim S-B and Elliott were declared worthy Players of the Match. Iain and Aftab are now busy planning a grand tournament for Clare Hall at 50 in 2016 and it is to be hoped that Staff stalwart Dave Smith might be prevailed upon to find a corner in West Court for a Net such that stand-out Graham Barclay cannot injure himself in.

**Twelfth Man**
The start of this year was all about building on the successes of the previous year, which saw CHBC enter three boats in May Bumps for the first time since 2008. Our Novice Day took place on a gorgeous October day, and the enthusiasm amongst the new students and fellows was as high as ever. As the familiar Cambridge winter chill started settling in, our novice men’s and women’s crews enjoyed some success in Michaelmas Term, with the women notably winning ‘Best Costume’ for their interpretation of Swan Lake during the Emmanuel Sprint Regatta. The club ended 2014 on a high note, with three crews participating in the Fairbairn Cup as well as entering a crew for Christmas Head, both firsts in the history of CHBC.

Building on the commitment of our novice rowers, Lent Term saw the boat club taking on the unfamiliar but rewarding challenge of scheduling outings for three full crews. Luckily, weather conditions this year were favourable,
and all three CHBC crews saw plenty of time on the water including a number of races prior to Lent Bumps. Regrettably, our fortunes during Lent Bumps were somewhat mixed, with the second men’s crew just missing qualifications in their Getting-on-Race after a spirited effort, and the women’s crew dropping down three spots against fierce competition. The high point of Lent Bumps came from the first men’s crew, who matched last year’s result by moving up three spots. Most noteworthy however, is that they bumped Hughes Hall’s first men’s crew, and as a result Clare Hall is no longer the lowest ranked crew on the river.

In Easter Term the improving weather lured some new rowers to the boathouse – giving our crews a much-needed infusion of committed members. With a steady number of dedicated rowers despite the academic demands of this term, all three boats participated in numerous races, achieving notable results such as our second men’s crew beating squads two divisions above them in Champs Eight Head, and the first men’s and women’s boats winning Plates at Cambridge Nines Regatta. These early spring results gave all three crews hopes of reaching great results in this year’s May Bumps.

Looking forward to the summer and next academic year, there are some exciting things happening at the boat club. The club recently revamped our website to better accommodate supporters and alumni, and we successfully raised enough funds to purchase a four-man boat thanks to generous donations from alumni and current members of the boat club. This will allow the club to train over the summer months for the first time in club history, opening up the possibility of Clare Hall participating in regatta races outside of Cambridge. These developments give us high hopes for the season ahead, and we hope that many will join us in celebrating both the boat club’s 20th Anniversary as well as the College’s 50th Anniversary in 2015-16.

Shen Gao
Clare Hall Boat Club President

Late news: After the May Bumps this year the M2 finished with a +3 and almost won blades. We are currently the most successful M2 team.
It has been another lively year for Clare Hall sport. We have revived the college football team and elected Barney Jeff Slater as captain. Happily he has agreed to continue as captain in 2015-16. We also booked a badminton court and 5-a-side football court at the Cambridge University Sports Centre for Clare Hall students to use regularly.

The GSB have recently purchased 2 tennis racquets, 2 squash racquets and 4 badminton racquets plus shuttles and balls for students to use. These can be borrowed via the Porters’ Lodge. We encourage students to take good care of the equipment, as it is of good quality and we hope it can be used for years to come.

For 2015-16, I am already in contact with the Sports Centre to secure a booking of one badminton court, one basketball court and one session of 5-a-side football. I will announce the details on the Clare Hall student Facebook page when the deal is made, subject to the approval of next year’s GSB committee. If you would like to be involved in college sport, do please get in touch.

In university sport, Giovanna Dimitri (MPhil Advanced Computer Science) has been awarded a Blue for Fencing. The team won the Varsity and BUCS Championship. Adam Lewicki (PhD Pure Maths and Math Statistics) was awarded a Full Blue in Golf and was captain of the men’s varsity team. MBA student Shinichiro Shinozaki was awarded a Half Blue for Karate. Congratulations to all our committed players.

Kaveh Jahanshahi (kj299)
Sports Officer
The Year in Music

The 2014-2015 music programme at Clare Hall was as ambitious as it was inspiring. Seventeen events were supported by the Clare Hall Music Committee, ranging from sitar to songs of the Great War, with over twelve hundred attendees. Such ambition requires high standards, here set by Abigail Dolan’s production of four Intimate Engagement concerts, premiere events featuring world-calibre musicians.

Our musical events began in September with legendary folk musicians Dave Swarbrick and Martin Carthy, OBE, in a sold-out tribute to their lifetimes of collection and performance. This was followed by an Alumni Dinner featuring big band jazz, organised by the Graduate Student Body. (The same GSB also organised a series of open-mike events in the Anthony Low Building, where the music ranged from hard-rock jams to classical and folk performance.) In November, Giulia Rossini brilliantly performed a challenging programme of the piano music of Prokofiev and Debussy.

Mid-December Dan Tidhar presented a keyboard extravaganza dedicated to the music of C.P.E. Bach. The week after that it was Christmas, and we were singing carols accompanied by virtuoso Patrick Hemmerlé. In February, Life Member Kate Kennedy presented Cambridge singers Andrew Kennedy, Charbel Mattar and Camilla Seale, with pianist Tim Watts, in the music and poetry of First World War poet Ivor Gurney, the event organised by Trudi Tate. The next weekend we thrilled to the music of the Cambridge Hindustani Trio in a concert produced by Dan Bergstralh.

Our own Patrick Hemmerlé brought the genius of Beethoven and Schubert to our new Steinway in March on two consecutive nights of lecture-concert, explaining the intricacies of those great sonatas to a rapt congregation. Mid-March brought the Members’ Concert, a soirée of recitals performed by Clare Hall Fellows and students ranging from Greek laments to Schubert lieder. An ambitious and much appreciated evening. A few days later harper Colm McGonnigle returned to fill formal hall with the real music of St Patrick’s Day.

In April we welcomed back soprano and Life Member Suzana Ograjensek, along with the quartet Odisea, in a superbly energetic performance of Handel, Scarlatti and Geminiani.

In May we enjoyed the modern piano music of Jiaxi Liu. The year finished with the exciting recorder ensemble Zero Gravity and others, presented by Rosemary Luff. But the next year’s programme started right away in summer, with brilliant concerts presented by Patrick Hemmerlé. Another great year for Clare Hall music.

Paul Mulvaney
Fellow Commoner,
Music Committee

New Steinway

It is a great joy to announce the purchase of a new concert Steinway piano model B in 2014. It replaces the well-loved 1894 Blüthner which was bought in 2006 following the initiative of Ekhard and Lisa Salje and a generous donation by Osamu Tsuji (CEO of SAMCO in Kyoto), plus donations from a kind group of Japanese Life Members. Sebastian Skeaping and family helped to find the rare Blüthner and restore it, bringing it to immaculate performance condition.

Since then, music at Clare Hall has grown in both quantity and quality, with many outstanding musicians coming to share their artistry with us. The Blüthner could not accommodate all the repertoire required, so we sold it to another college (with thanks to Hugo Lomax for his work on this) and acquired the new Steinway, beautifully refurbished by John-Paul Williams, with the close involvement of David Dolan.

We were able to acquire this top quality instrument thanks to the generous support of Andrew Wernick and Heather Jon Maroney, Penny and Jon Pither, David and Abigail Dolan, Colin Duly, Nancy and Andrew Ramage, and Lisa and Ekhard Salje. Our sincere thanks to all our kind donors.

The Steinway was inaugurated in October 2014 at the opening concert of this year’s Intimate Engagements series in a stunning recital by Ronan O’Hora. Since then, it has performed to artists’ and audience acclaim on a number of occasions, including a brilliant performance of Schubert and Beethoven by Patrick Hemmerlé, and promises to delight us for many years to come.
It is a great pleasure for me to report on this year’s series of **Intimate Engagements** concerts, which comprise musical performances intertwined with informal presentations, and in which the renowned artists share their personal perspective on the music performed.

Pianist **Ronan O’Hora** opened the series with a recital entitled *The Poetic Impulse*, highlighting the imaginative scope of the Austro-German piano repertoire. Ronan demonstrated the links and influences between the great nineteenth-century composers presented, as well as their unique features and contributions. He showed us Schumann’s dichotomy of expression and his great sensitivity for the poetic works recreated in sounds; Brahms’ use of the more traditional forms in association with the *fantasia* character; and Schubert’s genius in the overarching use of the *leitmotif* technique.

In December 2014, the internationally acclaimed violinist **Alina Ibragimova** performed a monumental programme featuring J. S. Bach’s complete set of works for unaccompanied violin, played with breathtaking virtuosity, imagination and expression. The programme was presented by David Dolan, who guided the listening by pointing out some of Bach’s polyphonic richness and complexities of structure. As the concert was longer than usual, the musical feast was complemented with an indoor picnic, Glyndebourne style, which was great fun!

2015 started with a programme dedicated to Czech composers performed by the **New Zealand Chamber Soloists**, violinist Amalia Hall, cellist James Tennant and pianist Katherine Austin. In their presentation, the trio reflected on what constitutes ‘Czech’ music, and demonstrated how alongside the common thread, the composers each have a personal stamp: Martinu’s ability to assimilate the different styles he encountered abroad; Janacek’s fascination with musical expression in speech intonation; and Dvorak’s serious, stormy and tragic expression in his Trio no. 3 opus 65. The programme consisted of duos and trios played with remarkably close unity of sound and expression. It ended with the energetic encore *Tarantismo* from Helix by John Psathas, which was hugely appreciated by the audience.

The series ended with a stunning concert in May 2015 featuring strings students from the renowned **Yehudi Menuhin School**. The programme included Haydn’s influential String Quartet Opus 33 no.1 and Enesco’s monumental String Octet in C Major op. 7, as well as group improvisations. Led by Malcolm Singer, the School’s Musical Director, and David Dolan, they gave us a glimpse of the evolution of the string quartet, and the close interaction between the players involved in this genre.

It has been yet another wonderful year of music-making at Clare Hall. I would like to take this opportunity to thank the series’ Music Angels for making these intimate engagements possible, to Trudi Tate and the members of the music committee for their help in organising the concerts, and to our loyal audiences for their warm support.

**Abigail Dolan**
Artistic Director
A Year of Art

The fiftieth anniversary year of Clare Hall, 2016, will soon be upon us, and there have been discussions as to how the visual arts might contribute to the celebrations.

The Art Committee has proposed that its own collection, brought together ever since the college was founded, would be a fascinating way to do this: it is a reflection of the college in changing cultural times. Frances Spalding, Professor of Fine Art at the University of Newcastle and a Clare Hall Life Member, and Annamaria Motrescu-Mayes, Research Fellow and Secretary to the Art Committee, have kindly agreed to take on the task of curation. The exhibition will be on show in July and August 2016, and, during the special long-week of events, from 5 to 13 August 2016, an evening reception to celebrate art will be held.

The Clare Hall collection comprises nearly 500 works, mostly oils, watercolours, prints and drawings, though in addition, there are a few pieces of textiles and sculpture. Perhaps the college’s most striking and certainly the most public work of art is the sculpture by Helaine Blumenfeld, ‘Flame’, which is prominently displayed on Herschel Road. Helaine is still actively sculpting but there are works on paper by prominent mid-20th century British artists, including Elizabeth Frink, John Piper, Graham Sutherland and Michael Ayrton. These are unusual: most of the works have been donated by the artists whose work has been shown in exhibitions.

Clare Hall makes no charge to them, and receives no commission on sales, but it does ask that one work stays in college. Usually the art committee makes a request, and unusually there is general agreement as to which one this should be. It might be expected that the art store would be stuffed with paintings, but pressure is slightly reduced by a scheme by which Fellows and students resident in the college can borrow works for their rooms. The loan system is a process requiring much administrative time and effort, but the labour is justified by the pleasure recipients gain by living with ‘real art’ on their walls whilst they are in Cambridge.
A Year of Art

As usual, the past year has been a busy one, six exhibitions having been hung. The first of the academic year 2014-15 was Mark van Heygen PAINTINGS (that was its title), followed by Zachary Beer’s Elemental, all of whose striking paintings had a scientific undertone. They were mainly of flora, and of biochemical processes, though electron transport chains and volcanoes were also present. These works benefited from having explanations, and Zac gave a fascinating lunchtime talk to elucidate his ideas. The first exhibition of 2015 was Robin Stemp’s Light and Silence, wonderfully satisfying photographs which become more complex the longer they are viewed. The grand house turns out to be a model house, the background sky, a painted sky. They were much appreciated by their viewers – Robin sold more of her exhibits than any previous artist. Human Traces on the Urban Landscape was an exhibition brought together by three artists, Alexandra Baraitser, Günther Herbst and Rosie Snell. As they explain, ‘through a landscape both abstract and figurative, [we] leave traces and clues for us to discover and mysteries to solve’. Art fulfils many functions, and the Iceni Botanical Artists displayed superbly drawn and painted images of Breckland wild flowers. Such work can be of value in scientific studies: botanical (and archaeological) artists can draw out subtleties which photography can seem to miss. The final exhibition of the year, in July and August, was of Judith Glynn’s marvellous sculptures.

The Art Committee was extremely saddened to learn of the death of its fellow-member, Michael Brick, in August 2014. Michael, an artist himself, contributed much to art at Clare Hall, and at the end of 2010 he displayed some of his superb prints in The Size of What I See, based on twelve poems from The Keeper of Sheep, by Fernando Pessoa.

Robert Anderson
Chair, Art Committee
The second year of our exciting Literary Talks started with a talk and reading by Susan Sellers, who teaches creative writing at the University of St Andrews and is a fascinating writer of fiction (Vanessa and Virginia (2008) and Given the Choice (2013). Former Clare Hall President Gillian Beer gave a talk from her forthcoming book on Lewis Carroll which was much enjoyed by a large crowd. Novelist Christina Koning, author of Variable Stars (a novel about astronomer Caroline Herschel) gave a wonderful reading from her new novel Line of Sight (2014), set in the years immediately after the First World War. We ended the year with two superb evenings of poetry by local poets: Ian Patterson and Rod Mengham in February, and Angela Leighton in April.

Our warmest thanks to all our wonderful writers. In 2015-16 our talks will take place on Thursday lunchtimes, and focus in various ways on Virginia Woolf.

Trudi Tate
Convenor

Gillian Beer and Trudi Tate

Christina Koning

Susan Sellers
Clare Hall Colloquium

It was another good year for the Clare Hall Colloquium, reflecting the extraordinary range of talent and intellectual interests in the college community. As usual, I have tried to have a balance between talks by resident Fellows and Visiting Fellows. I see the Colloquia as conversations among members of the community – the wide range of subjects demonstrates just how eclectic those interests are.

The 2014-15 programme included:


The talks have been recorded and are available, courtesy of Denis Bilodeau, on the Clare Hall website or via the University’s site on iTunes. At the last count more than 25,000 people had visited the talks.

This is the last year I shall be convening the Colloquium. It has been very rewarding and I would like to thank everyone who has participated: the speakers and the audiences, the college staff who help so willingly and Denis Bilodeau for his exemplary patience with the recordings. We have had excellent speakers and the Clare Hall audience can always be relied on to ask good questions, making for some memorable evenings. Emilia Wilton-Godberforde will take over as convenor in October 2015.

Adrian du Plessis
Fellow Commoner
On 12 November 2014 Professor Stephen Galison of the Department of the History of Science at Harvard University delivered the 2014 Tanner Lectures in the auditorium of Robinson College. The subject of the lectures was the evolving complex relationships between secrecy, censorship, and the self in the modern world. The focus of the first lecture, entitled ‘The Gesticulating Disquiet of Those Reduced to Silence’, was on censorship and the self in the years leading up to the First World War. The chief exemplars were Freud and his circle as witnesses and theorists of new forms of postal, political, and psychic censorship. In the second lecture, entitled ‘We Must Live on the Network’, we moved up a century to the present, and it is our current communications networks that intelligence agencies, corporations, and cybercriminals are engaged in cracking. The revelations of Edward Snowden were described and analysed. The lectures were followed by responses by Professor John Forrester, Professor Simon Schaffer and Professor Richard Holton.

A detailed summary and a podcast of the two lectures can be found on the Clare Hall website. Details of the Ashby Lecture can also be found on the website.

Robert Ackerman
Fellow Commoner
From time to time, Clare Hall shines the spotlight on the life and culture of a particular nation with which the college has connections, mainly through students and Visiting Fellows coming from overseas to study in Cambridge. In 2014 it was Canada’s turn. From 30 June to 4 July, a series of talks and social functions were arranged and we were honoured by a visit from the Canadian High Commissioner, His Excellency Mr Gordon Campbell, who talked on ‘The Canadian Constant in the Sea of Change’. Other events included talks on the eccentric pianistic genius, Glenn Gould, exploration of the Canadian Arctic, ecstatic religion amongst the Inuit, and the work of the Nobel Prizewinning author, Alice Munro. Interspersed was a popular rye whiskey tasting, and a Canadian barbecue. Much was revealed during the week, including the remarkable fact that our Professorial Fellow, Peter Wadhams, is one of only three people ever to have circumnavigated the Americas!

Robert Anderson
I have been a member of Clare Hall since 2009. I studied for an MPhil and a PhD in Psychology, and this year I have been President of the Graduate Union. I represent all graduate students in the University and I sit on about 25 committees, including the University Council. Being so involved in the postgrad community and organisation, I realise what a wonderful job Clare Hall does for its student members. With no high table, Clare Hall fosters Fellow-student interaction, and with no undergraduates, the college can devote its attention to graduate students.

The graduate community is very different from the undergraduate community. Postgraduates are typically more mature, more often engaged in serious relationships or have families and sometimes already have a working career before starting a Master’s or PhD degree.

Many graduate students tend to focus on their department or lab and typically spend less time in colleges compared to undergraduates. However, Clare Hall is a wonderful place and attracts its postgraduate members back into college with formal dinners, talks, GSB events and many more events and activities that are of interest to people early in their academic careers. Besides, the staff are all extremely friendly and welcoming and it is an absolute pleasure to spend time in college. The housing at Clare Hall is excellent. The set up of the houses gives a homely atmosphere and allows the development of lasting friendships and even relationships. A lot of the issues and problems with accommodation discussed in university committees rarely apply to our college. In fact, I often mention Clare Hall in meetings as an example!

In the coming years the graduate community across the university will continue to expand. I hope Clare Hall will continue to provide a rich yet intimate experience for students in the future.

Evianne van Gijn (PhD 2015)
Life Member Mikiko Ishii is Professor of English Literature at Kanagawa University in Yokohama. As a PhD student in medieval English Literature at Lucy Cavendish College in the 1970s, Mikiko Ishii was very aware how little funding is available for students in Humanities subjects. She wanted to help talented students to attend conferences, travel for research, or undertake other important work which they could not otherwise afford to do. So she kindly established an annual Clare Hall Humanities bursary of £2,000, which the Tutors award to a suitably qualified graduate student in financial need.

*We are most grateful to Mikiko for this bursary, which she has just renewed for a further 3 years. We can already see the difference it makes.*

**The following students have been awarded the Mikiko Ishii Bursary:**

Lorne Nuedorf, Law. *Judicial Independence in Context: A Comparative Study of Malaysia and Pakistan*

Adrian May, French intellectual history. *Lignes, an Intellectual Revue: 25 Years of Politics, Philosophy, Art and Literature*

Jennifer Upton, English Literature. *Literary Non-fiction and the Politics of Writing in South Africa*
If you’ve ever attended a dinner at Clare Hall you’ll probably have had to follow the voice of your conversational partner against a cacophony of competing conversations. I’m interested in how we achieve this feat, and in how to improve the ability of profoundly deaf patients, whose hearing has been restored by a cochlear implant, to understand speech in noisy situations. I came to Cambridge in 1994 to take up a permanent research position with the Medical Research Council’s Applied Psychology Unit, which was subsequently renamed the Cognition and Brain Sciences Unit. I successfully applied for a Research Fellowship at Clare Hall at that time, and was ‘booted upstairs’ to an Official Fellowship three years later. I’ve been at Clare Hall ever since.

All of the sounds that reach our ears produce vibrations that are superimposed on our two eardrums. From these vibrations, young, normally hearing people effortlessly separate the voices of different speakers, the clink of wine glasses, the scrape of knife and fork on plate, and the ringing of the mobile phone left unmuted by an errant professor. To accomplish this amazing task we need a combination of the exquisite mechanical selectivity of the inner ear, neural processes that automatically exploit the regularities present in our acoustical world, and a brain that takes advantage of what it has learnt about the sounds that it hears.

The inner ear consists of a fluid-filled space called the cochlea, along the length of which runs a membrane that is thin and stiff at one end and wide and less stiff at the other. Different parts of this membrane vibrate selectively to different frequency components of a sound – for example the thin stiff end responds best to high-frequency components. These vibrations are transformed by receptor cells into electrical potentials that excite nerve fibres that then convey information about the sound to the brain. When a mixture of sounds is present the brain can sort through this mixture by grouping together frequency components that start and stop together at the same time, or that are harmonically related; these are clues that those components are part of the same sound. But listeners don’t just use these physical cues – for example we’ve shown that parts of a sound are more likely to be grouped together if doing so makes them form a word, rather than a non-word, and that listeners can even use what they know about their spouse’s voice in order to ignore it when it is presented as part of a mixture!

What happens when things go wrong? People with hearing loss – which includes most of us as we get a bit older – have increasing difficulty when listening in noisy situations. Not only do the receptor cells start to die, but the vibration of the basilar membrane becomes less selective. If only a few cells die then a hearing aid can help amplify the sound, although not overcome the loss in selectivity; the sound is ‘heard but blurred’. When a lot of cells die the hearing aid can’t help and a good solution can be to fit the patient with a cochlear implant. To do this, an array of electrodes is surgically implanted in the inner ear, along the length of the basilar membrane. A microphone and signal processor worn behind the ear analyses and transmits sound across the skin, to a receiver stimulator that sends impulses to each electrode.

The clever trick is that different frequency components are sent to each electrode – e.g. the highest frequencies going to electrodes near the thin stiff end of the basilar membrane – thereby mimicking the frequency analysis that happens in normal hearing. This allows patients to understand speech very well when spoken in quiet surroundings; for example some patients use the telephone every day as part of their job. However the pitch of the sound is distorted, and even the most successful patients have difficulty understanding speech when there is more than one person talking. The challenge for researchers like me is find ways of improving the way sound is conveyed by cochlear implants. When you see a cochlear implant user chatting happily to her neighbour at the next Clare Hall formal dinner, you’ll know that we have succeeded!
During this time, I was asked to go out to Tell el-Amarna (Egypt) as a consultant to advise on and analyse animal bones excavated from the ancient Pharaonic city of Akhetaten, dated to circa 1350 BCE. One intriguing find was a piglet skull with a circular lesion on the frontal bones (top of the skull) indicative of ante-mortem human intervention with secondary infection, most likely, in light of associated finds, a ‘ritual cutting’ of the head. Subsequently I oriented my research in a more environmental direction in the 2000s. This involved gaining expertise in not only identifying Nile fish bones, but understanding the growth pattern of one particular taxon, a catfish Synodontis schall ubiquitous in ancient and modern times. Liaising with the Fish Research Centre of the Suez Canal University, Ismailia, we regularly caught fish over a twelve-month period in order to build up a modern sample to compare with the ancient ones, a vital requisite in ancient bone studies. I found distinct differences in the size and growth rates of the fish from the Pharaonic (14th century BCE), the Late Roman (5th-6th centuries CE) and modern periods at Tell el-Amarna as evidenced by thin-sectioning pectoral fin spines. The Roman fish were significantly smaller and had slower growth rates than the other samples. What was happening environmentally in Late Roman times? It was a Clare Hall lunch that was to lead to the answer whereby many members offered interesting suggestions and engaged in fascinating, multi-disciplinary discussions.

In recent years I’ve been involved in forensic work, utilising my in-depth knowledge of taphonomy, and ability to identify a wide variety of cut marks on bones, a result of having analysed lorry-loads of butchered animal bone from Roman, Medieval and ancient Egyptian sites. Currently I’m undertaking a project investigating the environment in Palestine during the first century CE with respect to socio-economic conditions, health, and ethnicity. This is a wide-ranging archaeological survey, embracing not only animal and human remains, but a range of other artefacts and features. A synthesis of this data will determine the degree of pressure on the ordinary people, and indeed those of higher status, both in Galilee and Judea, and enable a better understanding of how Jesus fitted into contemporary society and what perhaps his mission might have been.

Profile:

Rosie Luff

Official Fellow

Traumatised by the bloody practicals (roadkills) of a Zoology degree course at a well-known Scottish university, I developed a keen interest in bones (animal and human) and came to Cambridge to study archaeology. Zooarchaeology (the study of animal remains from archaeological sites) was in an embryonic stage of development in the 1970s, and my research was very much of a pioneering nature investigating diet and animal husbandry techniques in the Roman and Medieval periods. Having gained my PhD, I eventually ran a research unit in the 80s and 90s in the Department of Archaeology (funded by English Heritage) which advised on the excavation of skeletal remains from archaeological sites, and analysed animal and human bones. The unit dealt with material excavated from the prehistoric to modern periods including 79 early Medieval cats unearthed by the Eagle Pub in Bene’t Street, Cambridge, that had had their throats slit and had been butchered for consumption.
Profile:

**Stephen Mawdsley**

Isaac Newton–Ann Johnston Research Fellow

I arrived at Clare Hall in 2008 to study for a PhD in history. After earning my first two degrees from the University of Alberta, Canada, I pursued research in the social history of twentieth-century American medicine. My dissertation explored the first large clinical trial to control paralytic polio in the United States between 1951 and 1954.

Clare Hall has been very supportive of my work, awarding me the Jonathan Hart Prize, the Salje Medal in Arts and Humanities, and the stipendiary Isaac Newton-Ann Johnston Fellowship. I am grateful for the fundraising undertaken by the students, Fellows, and Life Members of the College in honour of Ann Johnston and the efforts of the President and Senior Tutor to connect these efforts with the Isaac Newton Trust, which helped to make the Fellowship possible.

Through the Fellowship, I undertook teaching for various colleges, as well as the Faculty of History. I connected with research networks such as the American History Subject Group, History and Philosophy of Science, Cambridge Public Health, and Cambridge Infectious Diseases. The Fellowship provided important resources to help me publish my research. I have developed articles on the activities of teen health activists during the 1950s, the experiences of African American polio survivors during the Great Depression, and the lingering issue of polio provocation. I have also revised my PhD dissertation into a book, entitled *Selling Science: Polio and the Promise of Gamma Globulin*, which is under contract with Rutgers University Press.

*Selling Science* examines the untold story of America’s first national effort to control polio before a vaccine. In the early 1950s, Dr. William McD. Hammon and the National Foundation for Infantile Paralysis launched a pioneering medical experiment on a scale never witnessed before. Conducted on over 55,000 healthy children in Utah, Texas, Iowa, and Nebraska, the study aimed to assess the safety and effectiveness of a blood fraction, known as gamma globulin, to prevent paralytic polio. Although the study was condemned by many prominent health professionals, harboured potential health risks, and returned dubious results, it was hailed as a triumph and used to justify a national immunisation program. This book shows how publicity and marketing tactics were deployed to justify and defend the gamma globulin field trials and national program.

I also seek to reach a wider audience with my research. My article on polio provocation led to an invited blog posting for the *Social History of Medicine* and was featured on the University home page in September 2013. This attention led to a presentation for the Rotary Club of Cambridge in April 2014 and a guest article for *The Lancet* in July 2014.

My next research project concerns the health consequences of a contaminated patent medicine that was sold in the United States during Prohibition. Over 50,000 people were afflicted with leg paralysis after consuming the medicine. I hope to uncover how patients coped with the stigma of paralysis, the treatments they endured, and the response of communities to the crisis.
Profile:

Peter Wadhams

There were few sea ice scientists in the world in those early days; the 1971 International Sea Ice Conference in Reykjavik (the very first) had only 90 attendees, virtually the whole world population. The critical role of sea ice in the ocean and climate system was not generally appreciated. We worked from icebreakers, camps set up on the ice, aircraft and submarines. I had privileged access to UK submarines because when the Navy sent their first nuclear submarine to the Arctic in 1971 they wanted to see scientific work done from it, and decided to work through SPRI because its then Director, Gordon Robin, had served on submarines during the Second World War.

I became leader of this programme and sailed on six submarine voyages between 1971 and 2007, which produced a huge amount of new knowledge on the thickness distribution of ice, the shape of the ice underside, and the properties of the upper ocean. On my last cruise there was an explosion on board which nearly led to the loss of the vessel, and after that I felt it was wise to focus my attention on unmanned vehicles (AUVs – autonomous underwater vehicles) which I have used through holes in the ice, or launched by ships, to do detailed surveys in conjunction with laser and satellite studies of the ice surface.

In contrast to the early neglect of sea ice, it is now the centre of attention mainly because it is disappearing so fast. Global warming is proceeding in the Arctic about three times as fast as at low latitudes, and it is likely that the sea ice, already much thinner than it used to be, will disappear during the summer months in a very few years from now. This retreat is having a big impact on the rate of global sea level rise, since the warmer summer is causing the Greenland ice sheet to melt faster; and our biggest fear is that the warmer summer waters will cause undersea permafrost to thaw in the shallow seas of the Siberian Arctic, allowing methane trapped beneath to escape in huge bubble plumes.

Methane is a very powerful greenhouse gas, and such a methane pulse could double the rate of global warming, which is already leading towards a catastrophic future for the planet unless it is slowed. My attention is now firmly on the problem of climate change in the Arctic, and how we might take action to prevent the release of methane from the Arctic seabed; this is the topic of our latest EU project work. I also tell the story of sea ice loss in a Penguin book called A Farewell to Ice, published in 2015.

I first visited the polar seas in 1969 when I was a lowly research assistant on a wonderful one-year oceanographic voyage which accomplished the first circumnavigation of the Americas, the Canadian Hudson-70 expedition. I wrote the story of this voyage in my book The Great Ocean of Truth. Hudson sailed from Nova Scotia to the Antarctic and visited the islands of the South Shetlands, before surveying the Chilean fjords and the Pacific and then sailing through the Northwest Passage in the summer of 1970. On my return I planned to do a PhD in oceanography, and wondered which part of the ocean to study. The tropics were tempting, but the polar seas won out, because so little was known about them, and so few people were studying them. I came back to Cambridge and did my PhD at the Scott Polar Research Institute, studying how ocean waves interact with sea ice, then went on to set up a sea ice research group in the Institute through which I and many generations of graduate students learned painfully how to safely work and survive in the Arctic.
In summer 2014, Clare Hall families were treated to a display and talk about quilts made by VF partner Thomas Knauer, a superb fabric and quilt designer. In the autumn Kirsty Body’s popular djembe drumming session returned. A great way to spend a Sunday afternoon. We also enjoyed a terrific session of jazz improvisation with Clare Hall musicians David Greenberg and Dan Bergstrahl. On Christmas Day, about 35 college members and friends brought a communal feast to the Richard Eden Rooms, with gorgeous food from around the world, followed by improvised music by children and adults. We hope to do this again on Christmas Day 2015.

In spring John Parker led a family visit to the Botanical Garden. College families also enjoyed the rich offerings of concerts throughout the year, especially the Members’ Concerts (at which children are welcome to perform) and the stunning concert by students from the famous Yehudi Menuhin School in Surrey. A great inspiration for all strings players in college.

With the generous support of VF partner Katja Kröll and others, the monthly Family Suppers continue to thrive, with the addition of traditional story-telling from around the world. In June Doug Morse, film maker and VF partner, led a photography session for college families which was much enjoyed. Huge thanks to all who contributed.

If you would like to help organise any family events in 2015-16, or have skills you could share, please contact me (tt206) or the Social Events Committee.

Trudi Tate
Tutor
Photography Session
News of Members

John Barrow (PF) gave the biennial McCrea Lecture of the Royal Irish Academy in Cork and the annual Enriques Lecture at the University of Milan. He received an honorary doctorate from the University of South Wales for ‘outstanding contributions to mathematical sciences’. He gave lectures at the International Mathematics Olympiad in Cape Town in July 2014. He published 100 Essential Things You Didn’t Know You Didn’t Know About Maths and the Arts in 2014.

Gillian Beer (President 1994-2001) was awarded an honorary doctorate at the University of St Andrews in 2013. She has recently presented papers at the Edinburgh Book Festival, the Brighton Festival, and the Hay Festival of Literature and the Arts.


Congratulations to Joan Camps (RF) and Penelope Garmiri on their wedding in Clare Hall in August 2014.

Christine Caputo (RF) has been appointed Assistant Professor at the University of New Hampshire.

Varodom Charoensawan (RF) has secured funding to start a research group and has returned to the Department of Biochemistry, Mahidol University, Bangkok. He will continue to collaborate with groups in the Sainsbury Laboratory, Cambridge.

Congratulations to Mun-Kit Choy (PhD Plant Sciences 2007) and Siew Kiang Ng on the birth of their second child, Yuchu, in January 2015.

David Cope (Associate 2008-09, Foundation Fellow, 2014) has been appointed a member of the UK Commonwealth Scholarship Commission.


Duen-Min Deng (PhD Philosophy 2012) is Assistant Professor in the Department of Philosophy, Taiwan National University.

Giovanna Maria Dimitri (MPhil student Advanced Computer Science) has a Full Blue Award as a member of the first Women’s team of the University Fencing Club, which wonVarsity and the British Universities and Colleges Sport championship.

Warren Dockter (RF) has published Winston Churchill and the Islamic World: Orientalism, Empire and Diplomacy in the Middle East (I. B. Tauris, 2015).

David Dolan (Associate) has been elected a Senior Fellow of the Higher Education Academy.

Kevin Edwards (VF 2011-12) has been awarded the degree of Doctor of Science by the University of St Andrews for a thesis entitled ‘Studies in Quaternary, Geographical and Archaeological Science’.

Kristen Eglinton (PhD Education 2009) published ‘Reconsidering Youth Well-Being as Fluid and Relational’ in Handbook of Children and Youth Studies (2015) and Youth Identities, Localities, and Visual Material Culture: Making Selves, Making Worlds (Springer, 2013). Together with Antonina Tereshchenko (PhD Education 2009) and other Cambridge students, she co-founded Footage, an NGO which works on social and educational projects with disenfranchised children and youth around the world. This received an award from the US State Department for a project called Girl-talk-Girl (www.girltalkgirl.org).

Congratulations to Yi Feng (OF) and Steven Murdoch on the birth of Alexandra in 2015.

Job Feldbrugge (MAST student), was awarded the first De Zeeuw-Van Dishoek Graduate Award by the Royal Holland Society of Sciences and Humanities (KHMV) in November 2014.

Evelyn Fishburn (VF 1994) has published Hidden Pleasures in Borges’ Fiction (University of Pittsburgh, 2015).


David Greenberg (PhD student Psychology) has been awarded the Early Career Research Award from European Society for the Cognitive Sciences of Music and the Society for Education, Music and Psychology Research.

Max Haberich (PhD German 2012) has had post-doctoral positions in Marbach and Vienna, where he is working on a book about Arthur Schnitzler. He has published several articles on Schnitzler.

Leslie Howsam (VF 2011) edited the Cambridge Companion to the History of the Book (CUP 2014) which she worked on at Clare Hall. She has retired from the University of Windsor and is now Senior Research Associate in the Centre for Digital Humanities at Ryerson University, Toronto.

Yan Yan Hu (RF 2011-14) has been appointed Assistant Professor in the Department of Chemistry and Biochemistry at Florida State University.

Sohini Kar-Narayan (OF) has been appointed University Lecturer in the Department of Materials Science and Metallurgy, and was awarded a 5-year European Research Council (ERC) Starting Grant worth EUR 1.68M. She was recently elected a Bye-Fellow of Homerton College, in recognition of her work as Director of Studies in Physical Sciences.

Hyun Seong Anna Kim (PhD Management Studies 2014) has won the Emerald Best International Dissertation Award at the Academy of Management Annual Meeting, 2014. And congratulations to Anna and Jinhwan on the birth of Leo in March 2014.

Lida Cardozo Kindersley (Life Member) has been awarded an MBE for heritage crafts and letter cutting. Her work adorns West Court and many other places in Cambridge.

Claus Kress (Life Member) has been granted the 2014 M. C. Bassiouni Justice Award, in recognition of his distinguished service to the academic discipline of international criminal law. His article, Towards a Truly Universal Invisible College of International Criminal Lawyers, is published in FICHL Occasional Paper Series, 4 (2014).

Elisheva Machlis (PhD Middle Eastern Studies 2010) has published Shi'i Sectarianism in the Middle East: Modernisation and the Quest for Islamic Universalism (I. B. Tauris, 2014). She teaches Iranian Studies at Tel Aviv University, where she had a post-doctoral fellowship.


Simone Maurer (MPhil student, Music) has been performing with the Cambridge University Chamber Orchestra, and gave a solo flute recital at Wolfson College in February 2015.

David Mayers (VF 2013) has been appointed chair of the Political Science Department at Boston University, 2015-18.

Kathy Mezei (VF 2011) has co-edited Translation Effects: The Shaping of Modern Canadian Culture (2014).

Martin Mills (VF 2013-14) has been elected President of the Australian Association for Research in Education.

Congratulations to Daniel Jon Mitchell (RF) and Brianne Fuller on the birth of Hugo in spring 2015.

Annamaria Motrescu-Mayes (RF) has launched the Cambridge University and the Centre for Women’s Development Studies (New Delhi) annual programme on ‘Visual Rhetoric and South Asian Gender Studies’ and the annual seminar series ‘Visual Constructions of South Asia’ at the Centre of South Asian Studies, Cambridge. She published articles on ‘Uncensored imperial politics in British home movies from 1920s-1950s’, ‘Abjection et zèle patriote dans le roman Char Adhaya de Tagore’ and ‘Imperial imagination and colonial cities in inter-war amateur films’.


Professor Carl Olson (VF 2001-02) has published Indian Asceticism: Power, Violence and Play (OUP, 2015).

Giovanni Pallotti (Bologna-Clare Hall Visiting Fellow 2002) has been awarded the Marconi Prize 2014 by the Academy of Sciences of the Republic of San Marino.

Lori Passmore (OF), group leader at the MRC Laboratory of Molecular Biology, was elected into the 2014 EMBO Young Investigator Programme.

Natalia Petrovskaia (RF) has been appointed Junior Assistant Professor in Celtic at the University of Utrecht.


Shi Pu (PhD student Education) was awarded the Richard Pemberton Prize for Best Postgraduate Paper at the annual conference of British Association of Applied Linguistics in 2014 for her paper ‘Conceptualising Criticality in Academic Writing within Different Cultural Contexts’.
Padmini Ram (PhD Land Economy) is a temporary Lecturer in Social Policy and Social Affordable Housing at Anglia Ruskin University.


John Regan (RF) has co-edited Rethinking British Romantic History, 1770-1845 (OUP 2014).

Antje Richter (VF 2011) has edited A History of Chinese Letters and Epistolary Culture (Brill, 2013), which collects 25 articles on Chinese epistolary literature and culture, from the early empire to the twentieth century.

Alan Short (PF) was elected George Collins Fellow 2014, US Society of Architectural Historians, and Geddes Visiting Fellow 2014, Edinburgh University. His book Geometry and Atmosphere was published by Ashgate (2012). His EPSRC, DH and NIHR funded research group’s Film, Robust Hospitals in a Changing Climate won the 2013 tv/e Global Sustainability Film Award at BAFTA. See: http://sms.cam.ac.uk/media/1559781.

Ali Smith (Honorary Fellow) has won the 2014 Goldsmith’s Prize and the 2015 Bailey’s Women’s Prize for Fiction for How to Be Both. She is guest director of the 2015 Brighton Festival.

Ricardo Strobino (RF) has been appointed Assistant Professor in the Department of Classics at Tufts University, Massachusetts, from July 2015.

Marcella Sutcliffe (RF) has been awarded a Visiting Fellowship at the Institute of Education (UCL). Marcella has also been appointed to the Italian National Committee responsible for the editing and publishing of Giuseppe Mazzini’s collected works and unpublished letters.

Trudi Tate (OF) has published Sebastopol: On the Fall of a City in the journal 19 (2015).

The Silent Morning: Culture and Memory after the Armistice, ed. Trudi Tate (OF) and Kate Kennedy (PhD English 2010) has been published in paperback, autumn 2015.

Ingrid Tiekens-Boom van Ostade (VF 2011) was elected a member of the Dutch Royal Academy of Sciences (KNAW) in 2014.

Ivo Timoteo (PhD student Computer Science) has cycled Japan’s four main islands from the northernmost to the southernmost point – Cape Soya to Cape Sata – as leader of an expedition recognised by the Cambridge university expeditions committee. See: http://japan3k.com/

Stephen Town (VF 2014) delivered papers on the choral-orchestral music of Vaughan Williams, based on his research at Clare Hall, at the University of Missouri-Kansas City Conservatory of Music and at Texas Tech University. He conducted several choral concerts and was honoured by the Senate of the State of Missouri for his work at Clare Hall.

Jennifer Upton (PhD student English) presented a paper on Antjie Krog’s non-fiction at a conference at the University of York in 2014. She co-organised on Writing South Africa Now, an annual conference on South African literature in Cambridge in summer 2015.

Congratulations to Nicole van der Laak (PhD Materials Science 2007) and Stuart Adamson on the birth of Weylyn Rhys in January 2015.

Michiel van der Wolf (VF) won an International Emmy Kids Award last Friday as part of the writing team for the Dutch short children’s TV-movie Alles Mag (Anything Goes).

Congratulations to Evianne van Gijn (PhD Psychology 2015) and Matthew Grosvenor (PhD student Computer Science) on their engagement in April 2015.

Congratulations to Martin van Rongen (PhD student Plant Sciences) and Sarah on the birth of Lily in April 2015.

Brian Walker (RF 2012-14) has taken a position at the US Department of Energy, where he will design incentives for manufacturing new energy technologies.


Donald Wright (VF 2011-12) has published Donald Creighton: A Life in History (University of Toronto Press, 2015), much of which was written at Clare Hall.


Congratulations to Yang Zhang (VF 2013) on the birth of Clare Wan Hei Lai in November 2014, named in honour of Clare Hall.

In Memoriam

We regret to announce the following deaths:

Peter Alexander (VF 1990-91) died in Australia in January 2015.

Audrey Glaeuer (Emeritus Fellow) died in July 2014. An obituary by Patrick Ehlin is published on the Clare Hall website.

Anthony Low (President 1987-94) died in Australia at the age of 87. A memorial service was held in Cambridge in May 2015, attended by many members of college and the Commonwealth Trust. An obituary by Keith O’Nions is published on the Clare Hall website.

We always look forward to hearing from our members, so please continue to send us news and changes of address. If you are visiting Cambridge, we can often provide accommodation so do contact us for availability.

For information about college activities, renting rooms for special occasions, weddings, parties, conferences, summer residential conferences and small lectures, please contact alumni@clarehall.cam.ac.uk telephone +44 1223 332360 or look on our website.

Joan Camps and Penelope Garmiri wedding

Anna and Jinhwan Kim with baby Leo 2014

Clare Wan Hei Lai

Lori Passmore

Claudio Martani and Martina Dalolio

Yi Feng and Steven Murdoch with baby Alexandra

Lady Borysiewicz, Dr Jennifer Barnes, and Dr Annamaria Motrescu-Mayes at the Nehru Memorial Museum and Library, New Delhi, September 2014.