

The Edition

MICHAELMAS 2015 | ISSUE 14

In this issue

.....

An update from the Dean

Page 7

Student Interdisciplinary Conference

Page 8

Introducing Philip McCosker

Page 17



St Edmund's College
University of Cambridge

A Message from the Master

One year in, and I have come to appreciate what a full life the College leads - from seminars, jazz recitals, choir concerts, garden parties to solemn masses, wine tastings and gorgeous dinners, the College calendar builds an active social life around the core of study and research.

I have particularly enjoyed meeting so many students and their families, especially as we prepare to set off for the Senate House on degree days: from our 500 students from 84 countries, we put together a striking column of graduands in our gowns, stopping the traffic and smiling and waving for our host of family photographers.

The changes to the fabric of the College take rather longer than taking a degree! We have submitted a pre-application for planning permission on the new East Court buildings and recently had a formal meeting with the planners. The architects are working on a scale model of the whole site and Quantity Surveyors have produced updated costings.

We are continuing to raise money to provide much-needed additional facilities to accommodate our growing student body. The College is also working towards a formal planning application on the Mount Pleasant Halls site to develop a further 210 student rooms and studio flats, which will further increase the need for the East Court buildings.

2016 marks the College Chapel's centenary, and in celebration of this, the College has undertaken a significant building project to reconfigure the entrance area. Thanks to our generous donors, we now have elegant, illuminated steps and a gentle easy-access slope. An inviting seating area in a landscaped space and a bronze

statue of St Edmund of Abingdon completes the transformation. We are commemorating the centenary with a series of special events throughout the year, the first of which saw Cardinal Vincent Nichols preside over the St Edmund's Feast. In February, we will welcome an alumnus of the College, the Archbishop of Armagh and All-Ireland, the Most Reverend Dr Eamon Martin, to preside at our Commemoration of Benefactors celebration in February.

Student support continues to be a key focus of our fundraising. The College now has two Luzio Scholars, and we are delighted to announce the launch of The AGM Randeree Scholarship to develop future leaders in the British Muslim community. The scholarship will cover the full costs of tuition and accommodation each year to enable an outstanding individual to study for a Master's degree at St Edmund's.

The last week of term has seen the College transforming itself for Christmas, with the traditional Christmas dinners, culminating in the Carol Service and the students' and fellows' pantomimes. As many of our students from across the world return home to see friends and family, let me close by wishing you all a very Happy Christmas and a great New Year!



Matthew Bullock
Master



Contents

News from the Development Office
Page 4

An update from the Dean
Page 7

Student Interdisciplinary Conference
Page 8

Travel Award Report
Page 10

College Prizes and Blues
Page 12

Firsts and University Prizes
Page 13

New Fellows
Page 14

Fellows' News
Page 16

Introducing Philip McCosker
Page 17

News from the VHI
Page 18

College Events
Page 19

Alumni Society Events
Page 20

News from The Faraday Institute
Page 23

Tutorial Award Report
Page 24

Alumni News
Page 26

Credits and thanks

Thank you to all who contributed articles, photos and assistance.

Photography: James Appleton and Orquidea Real Photobook

Welcome to the 14th issue of *The Edition*

We hope that you enjoy this issue of *The Edition*. As well as news from students, alumni and fellows, you can read about the College's Chapel centenary celebrations. To commemorate this occasion, the College has undertaken a significant building project to reconfigure the entrance area. You can find out more about this transformation on page seven.

The College welcomed a new Director of the VHI in October and you can read an interview with Dr Philip McCosker on page seventeen. Included in this issue is a summary of this year's alumni events and reports from both the VHI and the Faraday Institute.

We are delighted to announce that Santander has generously agreed to increase its funding to the College to £15,000 per annum for the next three years. On page twenty four, one of our students reports on the way in which she used her College Santander Travel Award.

Please do email development@st-edmunds.cam.ac.uk with any feedback or news items for a future publication.

On behalf of all at St Edmunds, we wish you all the best for the festive season and for a happy and healthy 2016.

Ullie *Rory* *Amy*

Dear World...

Yours, Cambridge

The campaign for the University and Colleges of Cambridge

You may have seen the announcements for the launch of Cambridge University's £2 billion fundraising campaign. The campaign will transform the Collegiate university, from student support, to cutting-edge research and state-of-the-art facilities.

The campaign, which features the theme 'Dear World, Yours Cambridge', will demonstrate the world-changing impact that Cambridge and its members have had on society throughout its history. As a part of this, St Edmund's College continues to raise money for the Master's Development Fund campaign.

Everything that the College raises will directly benefit our community, while also counting towards the £2 billion University campaign target.

The College has developed a long-term strategic plan to enable us to enhance our facilities. The College was founded upon a generous gift and rely on philanthropic support to continue to provide our students with the skills to make a difference to the world.

News from the Development Office

Thanks to the generosity of our alumni, fellows and friends, we have been able to accomplish much this year.

Master's Development Fund

The first priority of the Master's Development Fund is the enhancement of student facilities. Increased provision of dining and CR space for students will become even more urgent assuming the development of new student accommodation on the Mount Pleasant House site goes ahead.

Please visit the College website for up-to-date news on the progress of the developments.

The Chapel Project

The Chapel entrance has undergone a significant transformation, which would not have been possible without our generous supporters, particularly Mr Ilyas Khan KSG, Fellow Commoner of the College. You can read more about this in the Dean's update.

The AGM Randeree Scholarship

The DCD Family Trust and St Edmund's College have proudly launched The AGM Randeree Scholarship to enable outstanding individuals to study for a Master's degree at St Edmund's College.

The scholarship will cover the full costs of tuition and accommodation for a year. It offers a unique opportunity for intelligent individuals who are actively engaged in the British Muslim community to develop their leadership capabilities.

The scholarship aims to support future community leaders, who have the commitment to support and represent their community in wider society. It provides an opportunity to study, learn and develop networks, which will help create mutual social understanding and contribute to the creation of a cohesive society.

The Master of St Edmund's College, Mr Matthew Bullock, said, "I am delighted that the DCD Family Trust has chosen St Edmund's College as a place where ideas of faith and community leadership can be developed and enhanced through rigorous academic study. I very much look forward to welcoming the first AGM Randeree scholar at the College in October 2016."

The College is very grateful to the generosity of the Randeree family and the DCD Family Trust in supporting this important new scholarship. For further details, together with application information, please visit the College website.



The College's second Telephone Campaign

We conducted our second telephone campaign in March 2015, calling alumni in the UK and the US. It was a real pleasure for the student callers to speak with many of you and they greatly enjoyed hearing about your experiences at the College and updating you on what the College is like now. We were pleased that, in addition to monetary gifts, several alumni also offered their time by giving talks, mentoring students and offering to coach sporting teams. We are very grateful for your generosity, and are pleased to say that we raised over £34,000 in donations and pledges.

The College is already planning its next telephone campaign in March 2016.

News from the Development Office

The Annual Student Support Fund and the Luzio Scholars

In 2014-15, the College spent more than 2.5 times as much on students from its own unrestricted resources as the College spent in 2012-13. Much of this increase was due to the introduction of new Scholarships and Bursaries, including the Luzio PhD Scholarship, which is a scholarship of £10,000 per annum for a home or EU student in the Humanities. One Luzio Scholarship will be granted every year. Our first Luzio Scholar was Toby Salisbury, who is in the second year of his PhD in History, and our Luzio Scholar for 2015-16 is Silvia Ferreri, who is undertaking research into the archaeology of Mesopotamia.

Toby writes, "I am immeasurably grateful to the College for granting me the Luzio PhD Scholarship. Funding for the arts and humanities disciplines has been cut viciously in recent years and obtaining funding is a daunting prospect for those attempting to progress from undergraduate study to research. As anyone who has studied at St Edmund's will understand, after completing my MPhil here last year I did not want to leave. Without the Luzio Scholarship this would have been forced upon me. The scholarship took away the worry of paying for fees and accommodation, which are realities for research students and are especially prohibitive to those wishing to undertake doctorates.

Cambridge is widely recognised as one of, if not the, best place to read History in the world and the expertise of my research supervisor would have been impossible to find elsewhere. I am therefore wholly indebted to the scholarship for enabling me to stay in Cambridge to carry out the research, which I believe to be important, with an irreplaceable supervisor, at the College I love."

The College funds bursaries for graduate students and affiliated/mature undergraduates, to ensure that we can attract high calibre students from all backgrounds. Donations to our Annual Student Support Fund are used directly to support students during their time in Cambridge. For specific, sizeable donations, it is possible for the College to seek matched funding from other sources in order to make an even greater difference by doubling the value of the donation.

Boat Club and Rugby Club Funding

Thanks to a group of generous supporters, the College was able to buy a new boat for our Men's crew this year. Two donors also generously provided new kit for the both the rugby team and the rowing crews.

50th Anniversary Celebrations

To commemorate the 50th anniversary of the establishment of St Edmund's as a Graduate College, when St Edmund's could matriculate its first students, Judith Bunbury, Senior Tutor, generously donated an oak tree. She and our two Luzio scholars planted the tree in autumn 2015 on behalf of the College's students and fellows.



News from the Development Office

Such is the power of collective support, that all donations, regardless of size, make a difference to the College. Alumni contributions are of enormous benefit because they help to attract donations from other sources, so please consider investing in the future of the College.



Message from Judith Bunbury, Senior Tutor

"This year, thanks to your continued support through the Annual Student Support Fund, St Edmund's College has been able to attract more scholarships to the College. For each

of these we make a small contribution, while external groups offer the remainder of the funding, allowing able students to study without financial worry.

Our international student body includes people from 84 countries and, particularly for those student whose first language is not English, development of clear communication is an essential part of their academic success. Your donations have helped the CR to build a Leisure Library of 'good reads' written in English and recommended by fellows and students alike. Coupled with increased investment in the arts, we are also using your generosity to foster communication skills, as members learn to express themselves through art, music and academic discourse.

The year saw the inception of a set of instrumental awards. Due to be awarded again this year, the competition, in the spirit of Eddies, is open to all students regardless of subject or degree level. On a lighter note, the student welfare team used art materials we supplied to relieve exam stress."

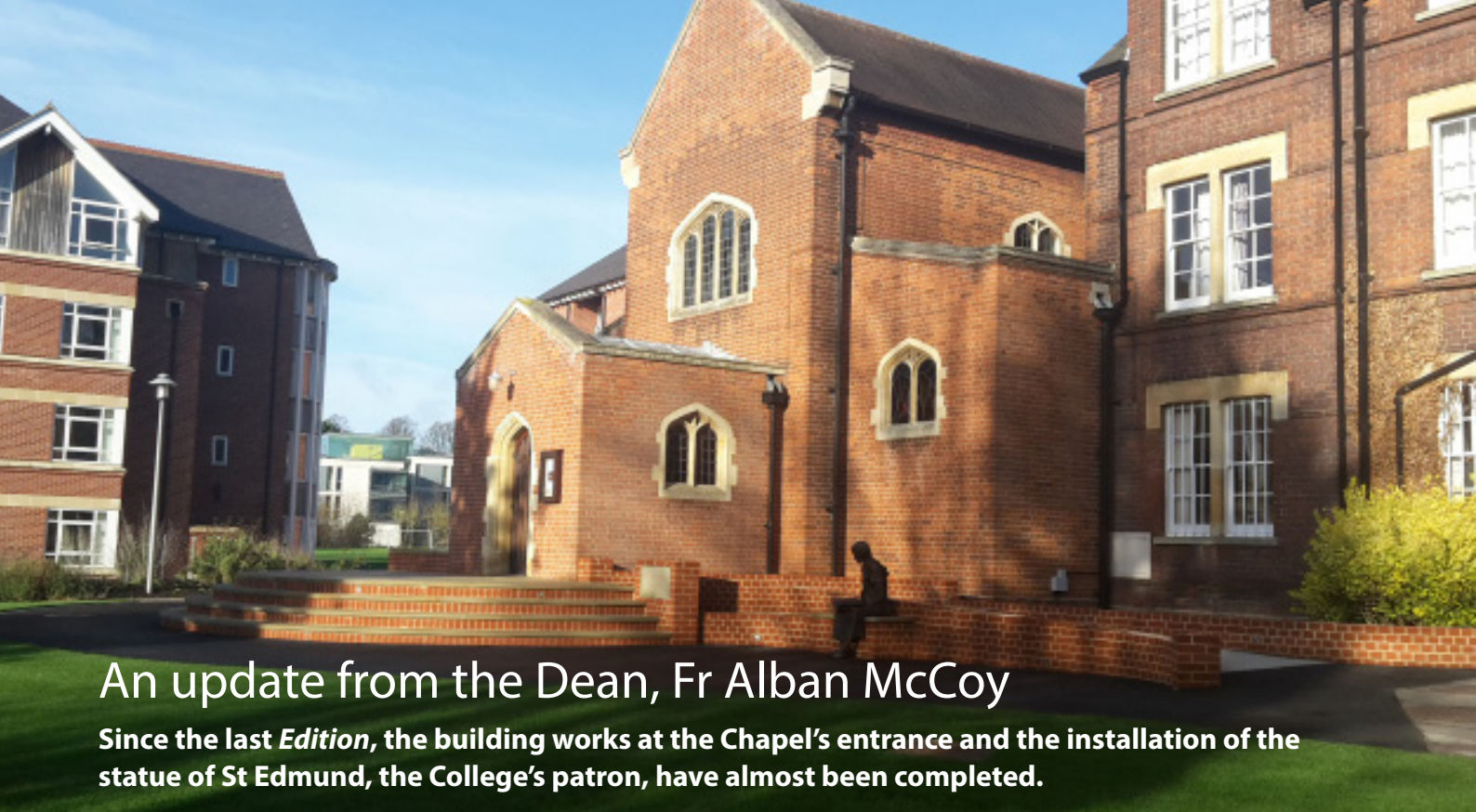
How can you help?

The College seeks donations from alumni and friends to help students to gain the maximum benefit from their time at Cambridge. Supporting one of the opportunities opposite would greatly enhance the student experience in the College.

Additionally, UK taxpayers can increase the value of their donation by a further 25% through the Gift Aid Scheme at no extra cost to the donor.

If you would like to make a donation to the College then you can donate online or by using the donation form on page 26. Such is the power of collective support, that all donations, regardless of size, make a difference to the College. Alumni contributions are of enormous benefit because they help to attract donations from other sources, so please consider making a donation as an investment in the future of the College.

Funding opportunity	Amount
Bursary – a gift of £200 would provide a study opportunity for a St Edmund's student to make an academic visit	£200
Travel award – a gift of £500 would allow a St Edmund's student to travel in pursuit of their studies in the EU/UK or support them to make a study visit further afield	£500
Travel award – a gift of £1000 would allow a St Edmund's student to make a study visit to a library or lab in the EU/UK or support them to travel overseas for a study visit	£1,000
£8,000 would pay for an Undergraduate Student Maintenance Award for one year	£8,000
A gift of £10,000 would pay for a one year student Scholarship	£10,000
A donation of £25,000 would support an Undergraduate Student Maintenance Award for three years	£25,000
A gift of £27,000 would pay for an undergraduate student's fees for the duration of their course. This studentship could be named in honour of the donor or suggested name, which would provide recognition of the individual's support for the College	£27,000
An award of £30,000 would support a UK or EU PhD student for three years of study	£30,000
A gift of £350,000 would establish a named and endowed fund to support students during their degree	£350,000



An update from the Dean, Fr Alban McCoy

Since the last *Edition*, the building works at the Chapel's entrance and the installation of the statue of St Edmund, the College's patron, have almost been completed.

The transformation not only of the Chapel itself, but the whole area surrounding the Chapel is remarkable, as can be seen in the photographs. You'll also see in the photographs the initiation of the Chapel's Centenary Year by His Eminence, Cardinal Vincent Nichols, the Archbishop of Westminster and Visitor of the College, who presided at Solemn Sung Vespers on the Feast of St Edmund.

Both the inspiring sermon he preached at the Vespers and the Master's welcome speech at the dinner that followed, aptly and eloquently summed up the significance of the Centenary and the heritage and mission of the College. The Bishop of East Anglia, Alan Hopes, an Honorary Fellow of the College, was among the many distinguished guests for the Feast, which also included Professor Eamon Duffy, Professor Nicholas Lash and Professor David Brading, the latter two being former Fellows of the College. Christopher Howse, the deputy editor of *The Daily Telegraph*, was also present.

Uniquely for the College, the Cardinal and Bishop were accompanied in the

procession and sanctuary by a Papal Knight of St Gregory the Great, Ilyas Khan, a Fellow-Commoner of the College and the principal benefactor of the new entrance and statue. As far as I am aware, he is only the second member of the College to be made a Papal Knight, so it was a great treat that he could join us in his full regalia.

The next event in the celebrations is the Commemoration of Benefactors on Friday, 5 February 2016, when the Archbishop of Armagh and All-Ireland, the Most Reverend Dr Eamon Martin, an alumnus of the College (1997-8) will celebrate Mass for all our benefactors, past and present, and join us for dinner afterwards.

The climax of the Centenary will be the Norfolk Commemoration and Feast on Friday, 13 May 2016. We will be joined by the Papal Nuncio, His Excellency, Archbishop Antonio Mennini, the Pope's personal representative to Great Britain, the Duke of Norfolk, whose ancestor funded the acquisition of the College, Lord Camoys, former Lord Chamberlain, and the Vice-Chancellor of the University, Sir Leszek Borysiewicz.

The Centenary is proving an invaluable opportunity to renew and refresh the College's relationship with the Catholic Church, who so magnanimously made it possible for St Edmund's House to become St Edmund's College, by handing over the institution to the Fellowship. It is also affording us the opportunity both to remind us of our origins, as well as map out our future evolution as one of the most international, faith and family-friendly colleges of the University. *Omnia Edmundiana floreat!*



Student Interdisciplinary Conference

This academic year, the College launched the Student Interdisciplinary Conference. It proved to be an invaluable occasion for St Ed's students to present their ongoing research and have a taste of presenting at a conference, without the stress of presenting in an extremely formal situation. The Second Annual Student Interdisciplinary Conference will be held on 20 February 2016 and the students hope to welcome alumni and Fellows interested in research and enhancing fruitful discussion. Here, the talk prize winners discuss their presentations...

Female genital mutilation (FGM) has been a specific criminal offence in the United Kingdom for more than 30 years, but the UK has failed to secure a single FGM prosecution.

France leads the world in FGM prosecutions, something many attribute to the health checks - which include non-invasive genital checks - performed on all children between the ages of zero and six. I considered whether a system of compulsory health checks for children in the UK, which has never been seriously considered, could survive a challenge before the European Court of Human Rights (ECtHR).

I focused primarily on Article 8 of the European Convention on Human Rights (ECHR), which declares that everyone has "the right to respect for his private and family life, his home and his correspondence". For certain ECHR rights, including Article 8, signatory states agree not only to prevent interferences with the

right by public authorities ("negative obligations"), but also to enact policies and measures, if necessary, in an effort to actively protect that right from interference ("positive obligations"). I argue that a system of compulsory health checks for children in the UK could conceivably be found to both protect and violate Article 8.

Signatories have a negative obligation under Article 8 to refrain from enacting measures which unjustifiably violate the privacy of its citizens, and it could be validly argued that a compulsory health check does just that.

On the other hand, signatories also have a positive obligation under Article 8 to protect individuals' privacy. Here, the fact that the ECtHR has interpreted Article 8 in an expansive way becomes relevant because "privacy" has been interpreted to encompass not only respect for physical autonomy, but also a right to identity, personal development, sexual freedom and sexual fulfilment, all of which it may be argued would be actively protected by compulsory health checks for children.

This conceptual difficulty may shed light on broader difficulties inherent in the exercise of "rights balancing" regularly undertaken by the ECtHR.

Miss Abigail Selden
(Law Tripes, 2013)

“

St Edmund's is such a fun and social place to be, it is sometimes easy to forget that the friends you hang out with at the bar and de-stress with over a game of pool are so academically gifted. The student conference was the perfect opportunity to learn about what other students at Eddie's are intellectually passionate about - topics we usually avoid when spending time together socially. ”



So... why are English vowels spelled so strangely?

- Spelling was standardized during the Great Vowel Shift (1400-1700)
 - Why then? Printing press, expansion of national economy across England
- The upper classes doing the standardizing were speaking in an older, less innovative manner, so our spelling reflects the state of the language before the GVS



My research deals with how languages change over time, and my interests lie mainly in the history and current evolution of English accents, especially their vowel sounds.

This presentation, 'Changing Vowels, Changing Accents', began with an overview of the history of English starting with the migrations of Germanic tribes into what had been Roman Britannia. I then gave some examples of how Old English, or Anglo-Saxon, evolved into Chaucer's Middle English after the Norman Conquest of 1066. Around the time of Shakespeare, the Great Vowel Shift was nearing completion in most of the British Isles.

This rapid rearrangement of vowel sounds is responsible for many of the quirks of spelling in Modern English – for instance, why we use what most European languages would write as 'u' for the sound in 'moon' and use what

Europeans think of as 'i' for the sound in 'meet', in addition to several other mismatches between spelling and pronunciation.

After explaining and giving examples of the Great Vowel Shift, I address the next obvious questions: why and how do vowels change? People don't just wake up one day deciding to speak differently. All around us, we experience a huge variety of vowel sounds in the exact same words depending on the identity of the person pronouncing them.

For instance, London has since at least the 19th century had an interesting situation in which 'posh' speakers pronounce bay, buy, and boy almost the exact same way that lower-class speakers (characteristic 'Cockneys') pronounce be, bay, and buy, respectively. This is a dramatic vowel shift that is observable in real time by comparing speakers of different

backgrounds; it is not hard to imagine how a certain pronunciation might go 'out of style' and die out, leaving a language with a whole new set of vowel sounds!

I concluded this presentation by giving examples of other ongoing vowel shifts across the English-speaking world, including samples of speech from New Zealand as well as Canada.

Mr Thomas Kettig
(Theoretical and Applied Linguistics, 2014)

Thank you to Mr Felipe Repetto (Engineering for Sustainable Development, 2014) for the photographs.



Travel Award Report

In the summer, current student Mr Andreas Hadjigeorgiou (Natural Sciences Tripos, 2013) used his College Travel Award to visit Nepal as part of a volunteering team, with the aim of providing medical care to two villages on the Himalayan foothills. Here, Andreas describes his experiences.

Upon arrival in Kathmandu, I was shocked by the image I encountered. It is a dirty, poor city full of noise and pollution. In some areas the recent earthquake devastation was clearly evident. These include areas with old buildings such as temples, most of which had collapsed. However in other areas the damage was minimal.

The situation was also made worse by the constant rain, as it was the monsoon season and due to poor city planning the roads were flooded most of the time.

The team consisted of fifteen medical students, of whom five were from

Cambridge and the rest from the University of Bristol: two doctors, a dentist, two nurses and a pharmacist. The plan was to set up a medical camp offering free medical care and medication for five days in each of two villages.

On the third day we began the trip. Due to poor weather conditions we were unable to fly to the town of Pablo and instead we had to take a twelve-hour jeep ride. After spending the night there, we walked towards the village of Bupsa, which was a two-day walk. There are no roads after Pablo, and I was amazed to find out that people in the villages measure

distance in days needed to walk there.

After spending five days there and treating approximately seven hundred patients, we left for Bumpuri where we stayed another five days and treated around nine hundred patients before walking back to Pablo, where we were able to get a plane ride back to Kathmandu. I was amazed by the lack of government in those villages and how isolated they were.

The nearest hospital is in a town two days' walk away, however there are no doctors there for most of the year. This is because healthcare in Nepal is not founded by the government.

Travel Award Report

This means it is difficult to convince doctors to leave the cities and go to the mountains for a prolonged period of time, as they would not see as many patients. Therefore, in emergencies, the patients have to make the same trip that we did to reach Kathmandu, which is both expensive and time-consuming for them. This made me appreciate the work we did even more.

I found the clinics to be a valuable experience for me as a medical student. We divided ourselves into seven groups and each group had a task in the clinic that we rotated every day.

One of the seven tasks was health education, where we had the chance to teach the locals, via a translator, about hygiene and its benefits. Another task was taking the vitals of patients before they were seen by the doctors.

This was a nice opportunity for me to learn how to measure pulse rate, breathing rate and temperature in patients, as well as the "old fashioned" way of measuring blood pressure using a pressure cuff and a stethoscope, a technique we were taught in first year physiology experiments.

There were three groups with each of the doctors and the dentist. During these tasks we were able to see a lot interesting cases and discuss them with the doctors and so we were able to build on the knowledge we had acquired from studying medicine for two years.

I had the chance to perform teeth



cleaning in the dental clinic and extract a tooth. I was also able to help with reducing a wrist fracture and in the preparing of plaster.

Finally, there was a pharmacy task where I was able to recognise some of the drugs from second year pharmacology and learn about other drugs and a registration task.

This was an amazing trip during which I was able to enjoy the fantastic landscape of Nepal while walking in the mountains, but also got the chance to help people and in the process learn some valuable medical knowledge. The people in the villages were grateful for our help and this was evident in the celebrations they organised in both the villages to thank us.

“

After spending 5 days there and treating approximately 700 patients, we left for Bumpuri where we stayed another 5 days and treated around 900 patients.”

College Prizes and Blues

We are delighted to announce the College prizes for the 2014/2015 academic year awarded to outstanding students in their fields by the Tutorial Committee.

Miss Sihua Ding was awarded the Claydon Prize for non PhDs in Economics and related subjects. Miss Ding achieved the highest mark in the MPhil in Economics and is now registered for the Certificate of Postgraduate Study, researching into effective education practises in China, also at St Edmund's.

Mr Yonghua Ge was awarded the Coventry Prize for Theology. Mr Ge joined the College in October 2011 to undertake his PhD with the Faculty of Divinity. Mr Ge's research was 'The many and the one: metaphysics of participation in connection to creation ex nihilo in Augustine and Aquinas'.

Dr Christine Fiddler was awarded the Emsley Prize for Science for her PhD thesis 'Role of aminopeptidase N/CD13 in neutrophil migration and aggregation'. Dr Fiddler joined the College in January 2010 to undertake her PhD with the Department of Medicine.

Mr Luke Fletcher was awarded the Emsley Prize for Historical subjects. Mr Fletcher joined the College in October 2010 and studied with the Department of Politics and International Studies. Mr Fletcher's area of research is, 'The grand area: the conception, design and construction of the American global economic order, 1939-1960'.

Mr Robert Hoye was awarded the Jackman Prize for the most outstanding thesis in any area (except Economics) for his work on 'Tuning metal oxides for solar cells and light emitting diodes' with the Department of Materials Science and Metallurgy. Mr Hoye joined the College in April 2012 after completing a BE at the University of Auckland.

Mrs Olga Khan was awarded the Simon Boniface Prize for the highest mark in Finals for Clinical Medicine. Mrs Khan joined the College in October 2009 before graduating with the Bachelor of Medicine & Surgery July 2015.

Mr Mi-Song Dupuy was awarded the Lemaitre Prize for the highest mark in the Mathematics Tripos Finals (part III). Mr Dupuy joined the College in October 2014 before graduating with the M.Ast in Applied Mathematics.

Mr Raphael Bisztyga and **Mr Michael Dominic Van Almsick** were jointly awarded the Chatterjee prize for the highest mark

in the MPhil in Finance. Mr Bisztyga and Mr Van Almsick both joined the College in 2014.

Mr Karan Gupta was awarded the John CB Chau Prize in Engineering for the highest mark amongst the MPhils in Engineering. Mr Gupta joined the College in October 2014 having previously studied at the Birla Institute of Technology and Science.

Blues and Half Blues Awarded

Congratulations to the following St Edmund's students who were each awarded Blues and Half Blues for the academic year 2014/15.

Phil	Greyaski	Basketball	Full
David	Delgado	Basketball	Half
Alexander	Leichter	Rowing	Full
Joshua	Hooper	Rowing	Full
Matthew	Jackson	Rowing	Full
Luke	Juckett	Rowing	Full
Christopher	Robertson	Golf	Full
Alan	Bauer	Ice Hockey	Full
Daniel	Orvomaa	Ice Hockey	Half
Donald	Stevens	Rugby Union	Full
Emily	McNally	Rugby Union	Full
Ben	Widdicombe	Fencing	Club Colours
Charlotte	Plumtree	Netball	Full
Toby	Al-Mugheiry	Polo	Half
Jake	Diack	Small Bore Club	Club Colours
Lucas	Lin	Trampoline	Half
Robin	Mydiak	Volleyball	Half
Toby	May	Rugby Union	Full



College Firsts and University Prizes

Congratulations to the scholars of St Edmund's, as 18.5% of our students received a First this year, which is a record in recent years. 15 students achieved a First and 9 were awarded a Distinction, together with 47 students who achieved a 2i.

College Firsts

Congratulations to the following St Edmund's students who were each awarded a College Prize in recognition of having gained a First in their exams.

Kaisheng Chan, Economics part 1
Kwun Tong Lin, Economics part 1
Naifu Zhang, Economics part IIA
Yi Goh, Engineering Part IIA
Nelson Goh, LLM
Philip Stefanovski, LLM
Emmeline Plews, Law Part II
Aaron Taylor, Law Part II
Mi-Song Dupuy, Applied Mathematics (Distinction)
Lucas Merabet, Applied Mathematics (Distinction)
Modjtaba Shokrian Zini, Pure Mathematics (Distinction)
Kun Ang, Maths Part IA
Jun Chan, Maths Part IA
Yao Loh, Maths Part IB
Venkata Bhogadi, Medical and Veterinary Sciences Part IA
Andreas Hadjigeorgiou, Medical and Veterinary Sciences Part IB
Leonidas Aristodemou, Manufacturing Engineering Part IIB (Distinction)
Chin Chua, Natural Sciences Part IA
Ping Tan, Natural Sciences Part IA
Christopher Hardy, Natural Sciences Part II
Matthew Chua, Natural Sciences Part II
Charlotte Chamot-Guzzo, Psychological and Behavioural Sciences Part IIA

Congratulations go to **Mr Philip Stefanovski** (pictured), who achieved the highest mark for the LLM course this year, coming top in his class of 131.



Philip said, 'The Cambridge LLM was a very rewarding experience. It was challenging at times, but all the hard work paid off when I received my results and was fortunate enough to finish first amongst a very talented group. In the end I think that the thing that helped me excel was not the hours in the library, but rather the very social and collegiate atmosphere at Eddies that helped me switch focus when I was not working.'

At Eddies, I was lucky enough to not only be surrounded by a large cohort of gifted students also doing the LLM, but also to be supported by a wider network of interesting, engaging and inclusive individuals on a daily basis.'

Philip was also awarded the BRD Clarke Prize for the Best Overall Performance in his LLM.

In addition, **Miss Rosemary Ellender** (PGCE: Secondary Art and Design) was awarded the Charles Fox Memorial Prize, **Miss Emmeline Plews** (Law Tripos) was awarded both the E.C.S. Wade Prize for Administrative Law and the Littleton Chambers Prize for Labour Law and **Mr Christopher Hardy** (Natural Sciences Tripos) was awarded the Richard Perham Prize.

We commend our students for their fantastic achievements and we wish our recent graduands all the best for their next venture after St Edmund's.



New Fellows

The following Fellows were recently inaugurated into the College. We are delighted to welcome them to St Edmund's.

Dr Charis Charalampous is the College's first stipendiary Toby Jackman Newton Trust Research Fellow and an alumnus of the College (English, 2010). Charis's research interests lie in a period spanning the fourteenth and nineteenth centuries, particularly in relation to questions about the body and its relation to the mind, emotions, the soul, and cognition in literature, philosophy and science. His first book, *Rethinking the Mind-Body Relationship in Early Modern Literature, Philosophy and Medicine: The Renaissance of the Body*, has been published by Routledge (2015). His publications also include articles in *Intellectual History Review*, *The Journal of Religion and Literature*, *English Studies* and *Milton Quarterly*. He is currently working on a new book provisionally titled *Intelligent Bodies and Poetry's Medicinal Powers in the Ages of Reason and Feeling, 1700-1830*, which focuses on the relationship between long-eighteenth-century theories of the intelligent body and poetry's medicinal virtues.



Dr Tiziana D'Angelo is Temporary Lecturer in Classical Art and Archaeology in the Faculty of Classics and is the College's Director of Studies in Classics. Tiziana completed her first degree in Italy in 2004 (BA in Classics, Università degli Studi di Pavia), then gained an M.Phil.

in Classical Archaeology from the University of Oxford in 2007 and a PhD in Classical Archaeology from Harvard University in 2013. Prior to coming to Cambridge, Tiziana was Jane and Morgan Whitney Postdoctoral Fellow at the Metropolitan Museum of Art, Department of Greek and Roman Art (2013-2014), and a Predoctoral Fellow at the Getty Research Institute (2012-2013).

Dr Lucy Davison graduated from Newnham College in 1994 and Cambridge Veterinary School in 1997. She spent several years in small animal veterinary practice in the north east of England before undertaking a PhD in canine diabetes at the Royal Veterinary College, awarded in 2004. Lucy then undertook specialist clinical training



during a residency in small animal medicine at Cambridge, passing the European and Royal College examinations in 2006, becoming a European and RCVS Specialist in small animal internal medicine. After a year as a Clinical Physician at Cambridge vet school,

Lucy was awarded a 4-year Wellcome Trust Intermediate Clinical Fellowship in diabetes genetics with Prof. John Todd at the Cambridge Institute for Medical Research, which she completed in 2011. During this time, Lucy was a Junior Research Fellow and a Fellow's Steward at St Edmund's; this was followed by a Wellcome Trust Veterinary Postdoctoral Fellowship at the Wellcome Trust Centre for Human Genetics in Oxford. Lucy was appointed as a University Lecturer in Genetics and Small Animal Medicine in November 2014 and divides her time between research, teaching and clinical practice. She enjoys all aspects of small animal medicine, but has particular interests in diabetes mellitus, endocrinology, immunology and the genetics of complex disease.

Dr Riccardo Di Pietro has been a research scientist at the Hitachi Cambridge Laboratory since October 2014. In his current position he is responsible for research in organic semiconductors for spintronics application. His main research interests are the charge and spin transport properties in semicrystalline organic semiconductors and how they are affected by the microstructure of the polymer film. Riccardo obtained his Masters degree in Physics from the University of Bologna in 2006, with a thesis on the characterisation of charge transport in organic field effect transistors. Afterwards, he started working as a process engineer for a start-up company producing solar cells. In 2008, Riccardo started a PhD at the University of Cambridge under the supervision of Prof. Sirringhaus on the degradation mechanism of organic semiconductors. After obtaining his PhD degree in 2012, he moved to Potsdam University where he studied the role played by the microstructure of polymer semiconductors on their charge transport properties and lectured a course on the physical properties of organic semiconductors.

New Fellows

Dr Susan Haines is an experimental particle physicist. As an undergraduate, she read Natural Sciences (experimental and theoretical physics) at Cambridge; this was followed by a PhD in the High Energy Physics Group at the Cavendish Laboratory in Cambridge. Subsequently, she was the Beatrice Mary Dale Research Fellow at Newnham College, Cambridge. She is a member of the LHCb experimental collaboration, carrying out her research with data provided by the Large Hadron Collider (LHC) at CERN in Geneva. Her research concerns the precision measurement of certain aspects of a phenomenon called CP violation. CP violation is important in explaining the differences in behaviour between matter and antimatter, and therefore the dominance of matter over antimatter in the Universe we observe today. Susan is the College's Director of Studies in Natural Sciences.



Professor Simon Lee was elected a Fellow in February 2015, having been appointed Executive Director of the Cambridge Theological Federation in 2014. He is Emeritus Professor of Jurisprudence, Queen's University Belfast. Professor Lee was a

Brackenbury Scholar at Balliol College, Oxford from 1976 to 1979 and a Harkness Fellow at Yale Law School from 1979 to 1980. After being a lecturer in law at Trinity College, Oxford, and King's College London, he became Professor of Jurisprudence at Queen's from 1989 to 1995 and served as the Dean of the Faculty of Law. He was then Rector & Chief Executive of Liverpool Hope University College from 1995 to 2003 and Vice-Chancellor of Leeds Metropolitan University (2003-2009), both institutions winning various awards during his leadership.

Dr Philip McCosker is our new Director of the Von Hügel Institute and Fellow of St Edmund's College. You can read more about Philip and his research on page eighteen.



Dr Silvia Milana graduated with a MSc in 2010 from Università Mediterranea di Reggio Calabria, Italy in Electronics Engineering with a thesis on Raman spectroscopy and photoluminescence of Silicon nanoparticles. After being employed as a software engineer at BNP Paribas

Security and Financial Services in Milan, Italy in 2010, she pursued a PhD in the Cambridge Graphene Centre at the Electrical Engineering Department of Cambridge University (UK) in 2014, with a thesis on light interaction with graphene, related materials and plasmonic nanostructures. Silvia is currently a Research Associate at the Cambridge Graphene Centre and a Research Fellow at St Edmund's. Her research interests span in the area of van der Waals layered materials characterisation by optical and spectroscopy means, with a focus on exploiting Raman spectroscopy to detect their ultra-low frequency modes and to probe inter-layer interactions.

Dr Andrea Mina joined Cambridge Judge Business School's faculty after five years as Senior Research Fellow at the Centre for Business Research (CBR) of the University of Cambridge. He previously held a Research Associate position at the University of Manchester. Andrea is a Research Associate of the UK Innovation Research Centre, a joint initiative of Cambridge University and Imperial College London, and maintains his Senior Research Fellowship at the CBR. He has been Co-investigator and Principal Investigator of several projects funded, among others, by the UK Engineering and Physical Sciences Research Council (EPSRC), the Economic and Social Research Council (ESRC), the Medical Research Council (MRC), the National Endowment for Science, Technology and the Arts (NESTA), the Council for Industry and Higher Education, the Technology Strategy Board (TSB) and the European Commission. He is a member of the International Schumpeter Society, the Academy of Management and the Strategic Management Society. Andrea is the College's Director of Studies in Economics.

Fellows' News

New Fellow

Dr Richard Oosterhoff is a postdoctoral research fellow at CRASSH on the five-year ERC-funded project 'Genius before Romanticism: Ingenuity in Early Art and Science'. He has worked on the cultural and intellectual history of early modern Europe in the areas of science, the book, and religion.

Richard completed his PhD in 2013 at the University of Notre Dame, where he focused on how the Paris circle of humanists around Jacques Lefèvre d'Étaples deployed the new printing presses to reimagine medieval university culture, especially mathematics. This project will result in his first book.

At CRASSH, Richard is researching a second monograph on the 'untutored mind' in Early Modern Europe. Between 1400 and 1700, European intellectuals increasingly found inspiration in the ingenuity or 'common sense' of artisans, laypeople, women, farmers, and non-Europeans. Through popular theological works, educational treatises, recipe books, travel narratives, the growing genre of how-to books, and philosophical works, this study traces the early modern expansion of the conviction that unlearned knowledge is most trustworthy



Dr Andrew Harter FREng has been awarded an Honorary Doctor of Science degree from Anglia Ruskin University. The award recognises Andy's distinguished contribution to computer science and engineering on the international stage. Amongst other influential technologies, it is RealVNC for which he is best known. The remote screen sharing technology is on over a billion different devices, and on more different kinds of computer than any other application. It is now in Intel Chips, Google Chrome and Apple products amongst many others. Along the way, he has pioneered the idea in 1998 of free software with a commercial upgrade path, the Freemium model, and together with RealVNC co-founder Lily Bacon the idea in 2002 of kick starting a business with funding from the masses, now called Crowdfunding.



Obituary

Professor Sir David Watson, Honorary Fellow of St Edmund's College and Principal of Green Templeton College, died on Sunday, 8 February 2015 aged 65. Sincere condolences go to his wife Betty, his children Michael and Sarah, and his granddaughter Lila.

Introducing...

Dr Philip McCosker

Director of the Von Hügel Institute

Philip started as Director of the Von Hügel Institute at the start of Michaelmas Term 2015. After graduating from Oxford in Theology, he was a lay chaplain at the University of Rouen in France, before continuing his graduate studies at Harvard, Yale and Cambridge where he did his PhD at Peterhouse. Prior to returning to Cambridge he was lecturer in theology at Jesus and Trinity Colleges in Oxford, and Deputy Master of St Benet's Hall in Oxford. As well as working at the VHI, Philip is a departmental lecturer in modern theology in the Faculty of Theology of Religion in Oxford, and an affiliated lecturer in the Divinity Faculty in Cambridge, as well as Director of Studies in Theology and Religious Studies at Magdalene and Murray Edwards Colleges. He is also the editor of the international journal *Reviews in Religion and Theology*, which is published quarterly by Wiley-Blackwell and will now move to the VHI.



“

Eddies is unique because of its can-do attitude; there is a precious lack of stuffiness and pretension, which makes the College unusually dynamic and accessible. There is a great energy. This is all helped by its resolutely international nature.”

What made you come to St Edmund's the VHI?

The job at the VHI brings together separated bits of my career into one fizzing whole. My academic work has been getting more interdisciplinary and practical, while being mainly inspired by Catholic thought and culture, so the VHI is great for that. I've been missing the collegiality and conviviality of my previous job as Deputy Master of St Benet's in Oxford, and St Edmund's provides oodles of that.

What do you think the future holds for the VHI?

We're in an exciting time of transition, expansion, and change at the VHI. We will be focusing more explicitly on our core inspiration in the hugely diverse traditions of Catholic thought and culture, but engaging in broader conversations across the disciplines. Our series of events on mercy this year is an example: from theology and philosophy, to neuroscience, urbanization and migration studies, sexuality and music and more. I'm launching a major fundraising drive, as well as starting discussions about international partnerships, so there are many exciting balls in the air!

Tell us more about your research.

My research is anchored in theology and is both historical and systematic, so it tries to develop contemporary

themes and issues by lifting up underappreciated elements of theological and philosophical traditions. So in this way I have recently written articles on topics like sacrifice in modernity, or on different construals of desire. My work is becoming increasingly interdisciplinary: I'm currently working on an article on the links between theology and the work of the neuroscientist Iain McGilchrist on brain lateralisation via music and liturgy. I have two books coming out next year with CUP, one on ways to understand the paradoxicality of theology using some revolutionary 20th century Catholic theologians and earlier mystical theologies, and another book on the thought of Thomas Aquinas.

If you could invite three people from history or literature to a Formal Hall at St Edmund's, who would they be, and why?

Tricky. I'd like to invite Hans Urs von Balthasar, one of the most prolific and controversial twentieth century Catholic theologians and polymaths. I think he and Michel Foucault, the French philosopher and historian of ideas (prisons, madness, gender and sexuality and more), would make a sparky, but fertile, mix. If allowed, I'd love to add at least one person from the cast of *Gogglebox*, which I find a fascinating contemporary window on difference. It would be an edgy meal!

The academic year 2014-15 has been a time of consolidation and exciting transition for the VHI. Professor John Loughlin's tenure as Director of the Institute climaxed with the seminar series on 'Ethical Standards in Public Life', and the summer conference on 'Patents on Life: Through the Lenses of Law, Religious Faith and Social Justice' held in September 2015. Both were the capstone of several years' sterling service to the VHI and St Edmund's College...

The seminar series included events on the crisis of the political class in the UK; on whether political parties are now fit for purpose; on the challenges of bioethics on decision making in the UK; on globalisation and diplomacy; the reform of the European Union; and the relevance of Just War Theory in the 21st Century. The series drew a distinguished group of speakers from around the country and abroad, including Lord Bew, Nigel Biggar, Francis Campbell, Claire Foster-Gilbert, Lord Guthrie, Martin Westlake, Baroness Williams of Crosby, Paul Vallely, George Wilkes, and Lord Williams of Oystermouth.

The Annual VHI Lecture, co-sponsored by the European Centre at POLIS in Cambridge, was given by Joseph H. H. Weiler on the place of religion in the European public square, and was exceedingly well attended and much discussed. As usual, recordings of many of our talks and events are available on our website.

In September 2015, the VHI co-sponsored a major international interdisciplinary conference on the patenting of genetic material with the Terrence J. Murphy Institute of St Thomas University in Minnesota and the Porticus Foundation (pictured below). Over twenty papers were given on this very current and controversial topic from many different perspectives: legal, political, philosophical, theological and ethical, including representatives from industry. The uniqueness of the event, as many remarked afterwards, was in its bringing together of a range of divergent voices that would not usually find themselves in conversation.

During Easter Term 2015, Dr Philip McCosker was appointed to succeed Prof Loughlin as Director of the Institute upon

his retirement in October 2015. Philip is an historical and systematic theologian, teaching in both the Faculty of Divinity in Cambridge and the Faculty of Theology and Religion in Oxford. He is very excited about the future potential of the VHI, and hopes to build on the important work done on religion and the social sciences in recent years, by focusing on the institute's core inspiration in the broad Catholic theological and philosophical traditions in connection with contemporary global ethical realities. He hopes to widen the Institute's conversations to include many more humanities disciplines, as well as some of the hard sciences.

A major fundraising drive is now underway to ensure a sustainable and expansive future for the Institute's unique research and outreach work.

The events for the academic year 2015-16 have been organised under the theme of 'mercy' so strongly emphasised by Pope Francis since he became pope, at the very same time as that concept has become suspect, even illegitimate, in the public sphere. Our events will explore the promise, possibilities, and problems of the contemporary practice of mercy from many different disciplinary perspectives: theology, philosophy, neuroscience, law, art, music, migration studies, and more.

For more details, do visit our website: we look forward to welcoming you to the Institute soon.





College Events

College Garden Party

14 June 2015

The Master, Fellows, College staff, students and alumni gathered, along with their family and friends, to enjoy the annual College Garden Party in June. The gathered guests were entertained by a close-up magician, fairground rides and a traditional Punch and Judy show. They enjoyed music from an award winning Klezmer band, She' Koyokh, and Ed and the Eddies. Ed and the Eddies consists of 11 current St Ed's students from 9 different countries, playing pop, funk and r'n'b music. A glorious buffet, Pimm's and ice cream were on offer, along with a large cake, kindly sponsored by the Alumni Society.



May Ball

19 June 2015

The May Ball was named the 'Bootlegger Ball' for 2015, with its theme being the prohibition (modelled to the right by Senior Tutor, Dr Judith Bunbury). The College would like to remind alumni that they are very welcome to attend the May Ball, which will be on 17 June 2016.

'A British Affair' - Afternoon Tea Party

11 October 2015

St Edmund's College staff, Fellows and returning students gave a warm welcome to our new students this Michaelmas term. The CR organised an amazing and varied calendar of events for 'Freshers' Week', including walking tours of Cambridge and quiz nights in Eddie's bar. The Alumni Society kindly funded 'A British Affair Tea Party', which the CR organised as a way for students old and new to mingle in an informal and very 'British' way. The students were invited to relax in the Garden Room and orchard and to enjoy drinks and nibbles.



Recent Alumni Society Events

The 'University Challenge Quiz Night'

17 January 2015

Three teams of students, alumni and Fellows competed in this year's annual 'University Challenge' style Quiz Night in January. The Master presided over the proceedings as Quizmaster, while Associate Member, Philip Woodall kindly kept score. The student team dominated the first half of the Quiz and went on to win with 225 points. The alumni team came second with 200 points and for the first time in Quiz history, the Fellows team came last with 190 points.

Thank you to the Alumni Society for providing the refreshments and to all the participants and raucous spectators for attending.



Annual Alumni Society Drinks Event

4 March 2015

The Annual Alumni Society Drinks Event was held at Davy's Wine Bar in St James's, London. We welcomed a record number of alumni to the event, including a large number of recent graduates and alumni new to our calendar of events. The evening was a wonderful opportunity for alumni to meet the new Master in an informal setting.

We hope to welcome even more of you to the enjoyable event next year where alumni will be invited to attend for free.

2020 Dinner

10 April 2015

On Friday, 10 April 2015 the night before the men's and women's University Boat Races on the tideway, a group of 40 St Edmund's College Boat Club alumni, friends and guests gathered in a paneled dining room at the Oriental Club in central London for the annual 2020 dinner. Those present included the 1995 men's Boat race crew, four of whom were from St Edmund's (Richard Phelps [then CUBC President], Marco Banovic, Matt Parish, Scott Brownlee).

Boat Club alumni were very pleased to welcome the new Master and his wife, Matthew and Anna Bullock to their first 2020 dinner. Not everyone who wished to be at the dinner could be there. Some were present in spirit if not in body. Neil Loader (M1 Cox 1995 May Bumps) had sent in one of his famously profound and often obscure, but nowadays rare, odes - this one entitled 'Ode to an advancing 2020 VIII':
*Row, row, row, your boat
You're in a tricky spot
As Yoda said there is no try
just do it or do not!*

Paul Luzio introduced the evening on behalf of the 2020 dinner committee, telling everyone of the messages from Graham Smith, now based in New York. Graham had written that 'back in 2002 a group of Eddies alumni who had turned their hand to rowing in College crews in halcyon years came together to celebrate those rose-tinted memories of yesteryear while a part of the College boat club.' He had also recorded how that first dinner established that the goal of the 2020 club other than enjoying one another's company within the alumni base is to help the men's and women's eights go head of the May/Lent Bumps (whichever comes sooner) in 2020.

The principal speaker was Scott Brownlee who was at St Edmund's in 1994-95 reading a Diploma in Management Studies and rowed in the winning CUBC crew in the 1995 Boat Race. He had represented New Zealand in several World Championships and was a three time Olympian, twice coming sixth in the final of the coxless four. Scott won the Stewards' Challenge Cup at Henley in 1995 in a CUBC/Croatia 'Mladost' crew that also included Marko Banovic from St Edmund's and Dirk Bangert who was with us at the 2020 dinner. Scott won blades with St Edmund's in the 1995 May Bumps in a crew that took us very close to the top of Division 5. Everyone present enjoyed his reminiscences.

Lily Harter championed the resurgence of women's rowing in the College and the positive impact of the donation from Professor Joseph Masheck that had enabled the purchase of a new women's eight (the Dorothea Nyberg, affectionately known as Dotty). A passionate plea was then made for donations to purchase a new men's boat, and Andy Harter, a Fellow, offered to double any donations or pledges made on the night. This very generous gesture immediately brought forth a very significant donation from the new Master as well as other pledges. As a consequence a brand new Janousek eight for the men subsequently arrived in Cambridge in September 2015.

Recent Alumni Society Events

Richard Phelps was amongst those who rallied support for the College Boat Club (see picture below – Scott Brownlee is seated on the far right and Lily Harter in the centre).

Perhaps it was the effect of a convivial evening, but all those present seemed especially pleased to hear that, with six May Bumps to come, it remains mathematically possible for one boat, the men's first eight (currently close to the top of Division 2) to be Head of the River at the May Bumps in 2020. They were also excited that the following day there would again be four St Edmund's men in the Blue Boat (Alex Leichter [CUBC President], Josh Hooper, Matt Jackson and Luke Juckett). The evening concluded with toasts to St Edmund's College Boat Club and the 2020 vision. There was enthusiasm to spread the message far and wide and to keep supporting St Edmund's Boat Club in all ways possible including getting even more of our alumni to the 2020 Dinner in 2016 (which will be held at the RAF Club in Piccadilly on Easter Saturday, 26 March 2016, once again the evening before the Boat Races).

Paul Luzio
Honorary Fellow



College Alumni Festival Concert and Dinner

26 September 2015

The College welcomed a record number of alumni and their guests to its annual Alumni Festival Concert and Dinner in September. The Festival celebrated the 50th anniversary of the establishment of St Edmund's as a Graduate College,



when St Edmund's could matriculate its first postgraduate students, and we were delighted to host a group of alumni who matriculated in the 70s.

The Alumni Society AGM elected two new members to the Committee: Ms Savina Geerinckx (Archaeology and Anthropology, 1995) and Miss Irene Nicolaou (Advanced Computer Science, 2011). The AGM was followed by a talk on 'The Cambridge Phenomenon: The First 50 Years' by the Master.

The annual concert was performed by Susie Self, an alumna of the College, who sang a variety of genres accompanied by pianist Matthew Schellhorn (College Director of Studies in Music). After drinks, the guests enjoyed a delicious four course dinner and an entertaining speech by the Master.

Alumni Society Annual London Dinner - 9 November 2015

We were delighted to welcome 40 guests, including 28 alumni, to the Annual Alumni Society London Dinner at the Oxford and Cambridge Club, which was a record number of attendees for this event. The assembled alumni had matriculation dates ranging from 1972 to 2014, and every decade in between, and the group included several alumni from overseas.

The guests enjoyed meeting the Master, Matthew Bullock, and were entertained by Edward Hagger, Chairman of the Alumni Society, who was the after-dinner speaker for the evening. Edward delivered an interesting and amusing talk, which included a brief art quiz concerning the College's portrait of Richard Laws, and an anecdote about a meeting between Sir Brian Heap and HRH The Duke of Edinburgh.

The Master greatly enjoyed meeting our alumni and looks forward to seeing more of you at future events.

Recent Alumni Society Events

International Alumni Events

In 2015, the Alumni Society was delighted to sponsor a variety of events internationally. College Fellow, Dr Fiona Maine, hosted a drinks reception for alumni in Mexico City.

In January, the Master hosted a drinks reception in New Delhi (pictured below). This was Matthew's first overseas trip as Master of St Edmund's College, and he wanted to take the opportunity to meet as many of our Eddies alumni as possible and to hear about their experience of the College.

In December 2015, College Fellow and former Senior Tutor, Dr Helen Mason, and Dr Arabinda Mitra, an alumnus of the College, hosted an afternoon tea in New Delhi (pictured below).

We hope to host more international events in 2016.



Forthcoming Alumni Events

St Edmund's University Challenge Quiz Night

Saturday, 16 January 2016

St Edmund's will be hosting its ever popular 'University Challenge' style Quiz Night on Saturday, 16 January 2016. Three teams comprised of alumni, Fellows and students, will battle it out once again to take the crown of Eddie's Eggheads. They will face difficult questions from the Master.

The event will take place in the Garden Room in College, with the quiz starting at 7.30pm. Attendance is free, thanks to the Alumni Society, who will also be providing wine, soft drinks and nibbles. We would love to welcome alumni back to the College to take part in the quiz or to help cheer on the teams as spectators. In order to assist with the catering, we would appreciate it if you could let us know if you will be attending by emailing Kerry Eady at development@st-edmunds.cam.ac.uk.

Annual Alumni Society Drinks Event

Wednesday, 17 February 2016

The St Edmund's Alumni Society welcomes you to join its annual winter get-together in London at Davy's in St James's from 7pm onwards. This is an informal evening of drinks and nibbles. The Alumni Society are generously offering for alumni to attend the event for free. As always, partners and friends are very welcome to join us, at a cost of £10 per guest.

In order to assist with the catering, we would appreciate it if you could let us know if you will be attending by emailing Kerry Eady at development@st-edmunds.cam.ac.uk.

Dates for your diary

18 March 2016 - College Guest Night with alumni
26 March 2016 - 2020 Dinner
12 June 2016 - College Garden Party
17 June 2016 - May Ball and Dinner
1 July 2016 - College Guest Night with alumni
24 September 2016 - Alumni Festival Event



This has been another successful year for The Faraday Institute with further

increases in our activities.

The completion of one major research grant and the start of another have seen growth in the disciplines and areas of investigation and some changes in staff. The new Associate Director is Professor Keith Fox, who is a biochemist from the Centre for Biological Sciences in Southampton, and we welcomed Rachel Simonson as our Administrator.

We were delighted to receive a new major grant from the Templeton World Charity Foundation for research on 'The Science of Human Flourishing'. This includes research on the structure of the physical world, the nature of human identity and the impact of robotics and AI technologies, human mystical experiences and epilepsy, character formation in adverse circumstances, the relationship between ancient scriptures and scientific knowledge, and the wonders of the living world.

We started the year with a free public lecture by Prof. Glynn Harrison of Bristol University on 'Identity, Self Esteem and the Image of God'. In a new venture for the Faraday, this was preceded by a school's lecture in the same venue by Prof. Harrison on 'The selfie: How Self Esteem Ideology Took Over Our World'. Students from a number of schools attended, filling the lecture theatre, and leading to a very lively interactive session. Other public lectures were given by Prof. Russell Cowburn from the Cavenish laboratory who spoke on 'The God of Small Things: Nanotechnology, Creation and God' and Prof. Irene Tracey, Director of the Oxford Centre for Functional Magnetic Resonance Imaging of the Brain who spoke on 'Imaging and Belief States in Pain and Religion'.

January also marked the launch of our new schools outreach program with the first of our lectures, visits, collaborations and other exciting projects. This year has seen Lizzie Coyle travelling the country with the Faraday fossil collection with talks including 'Fossils and Faith', 'Big Bang, Big God', a CPD workshop for primary teachers on the topic of evolution, and a range of other topics for various ages.

March was a busy month with activities on a global scale; Director Bob White travelled to Australia to lecture on faith and natural disasters, in Melbourne and Adelaide. Ruth Bancewicz travelled to the US to promote her new book 'God in the Lab', and the play 'Let Newton Be!', which Faraday commissioned, was seen by over ninety school students and their teachers and 130 regular theatre-goers as part of the University of Cambridge Science Festival.

In July, we held our tenth summer course hosting 47 delegates and 16 speakers from over 15 different countries. We

held another 5 courses, including one in Guatemala and a day course in Hereford with 170 attendees. More recently, the short course on 'The Believing Brain' was attended by nearly 40 delegates, from a wide range of backgrounds, ages and academic fields.

The Michaelmas term was busy with our seminar series as well as other events: We hosted a panel discussion at the Cambridge Festival of Ideas 'The Power of the Media in the Science-Religion Dialogue' for a lively discussion and informed dialogue. Roger Abbott travelled to New Orleans on the 10th anniversary of Hurricane Katrina, to set up a project exploring the impact of religious beliefs on relationships - with God and with the community.

We have had some great visitors to the institute during the year: for example, Faraday visiting scholar Dr Rana Dajani (molecular biologist, from Hashemite University, Amman) who is involved in setting up stem cell research in her native Jordan, and is an influential speaker and writer on science and women in the Arab world. As well as conducting research she also found time to visit schools and deliver a clear and engaging lecture on Islam and evolution based on her experience of teaching evolutionary biology to undergraduates in Jordan.

Our public engagement has grown with five 'podcast' playlists on the Cambridge University Soundcloud as well as the availability of our events, lectures and seminars online. A pilot series of short lunchtime seminars was held at the Cambridge Biomedical Campus, 'Talks at One', to reach working scientists in their own settings. Following the engagement and feedback at our Annual Reception in November further connections have been made to expand these to other sites outside the city.

January 2016 will mark the tenth anniversary of the Faraday Institute, and with activities from many new avenues as well as the continuation of historical unions, we continue to grow.

For more details do visit our website, www.faraday.st-edmunds.cam.ac.uk. We look forward to welcoming you to the Institute soon.



Santander Travel Award Report

Tropical Housing in Uganda

In the summer Margret Mauricia Nambatya (Engineering for Sustainable Development, 2014) used her College Santander Travel Award of £1000 to investigate the rationale for building material selection in Uganda in order to establish any possible correlation with the barriers to widespread adoption of Interlocking Stabilised Soil Blocks (ISSBs).

The demand for houses in Uganda has increased; increasing demand for building materials. Meeting the demand can speed up deforestation and worsen the effects of climate change, since firing of bricks in Uganda requires 5.7 times more energy than general clay bricks.

The use of Interlocking Stabilised Soil Blocks (ISSBs), where 5 - 7 % cement is added to soil and compressed in a block press, is an environmentally friendly and appropriate building technology alternative. However, ISSB technology has not been fully integrated in the housing construction industry in Ugandan urban areas. ISSBs have so far mostly been used for public structures, such as school buildings, perimeter walls and water

tanks, but hardly any commercial buildings and residential homes.

ISSBs seem to have an overwhelming number of positives. They are environmentally friendly (air-cured rather than fired and recyclable); can be produced on-site (reduced carbon emissions); dry stack (ease and time of wall construction reduced labour costs in man-hours), not to mention the health of brick makers; no air pollution or accidents from fire.

The objective of my research was to discover why the adoption of ISSB technology had been so slow and why the communities continued to use environmentally damaging fired bricks. I wanted to determine the common baseline reasons for

the choice of building materials and the barriers to using Interlocking Stabilised Soil Blocks.

My research followed operations using ISSBs by HYT Uganda (NGO) in rural Jinja and Technology for Tomorrow (Innovator) in urban Kampala. It seemed the method of using ISSBs was inconsistent, with some dry stacking, others using thin mortar to seal the bricks.

Block making is a technique and skill. The quality depends on good soil selection and good practices during production and implementation - varnished ISSB block work looks newly done and professional. To build a good block and a straight wall, training is required.

Local authorities seemed reluctant to ISSB material and this may be because of previous bad experiences. A local interviewee said, “Those that appreciate the technology buy the machines and ask their expert builders ,inexperienced with ISSB, to build as a way of avoiding training costs. This shoddy workmanship equals bad publicity for ISSBs.”

The upfront cost of cement and the purchase cost or hire of the block press, along with training costs (\$1800) could be another reason why local communities continue to use clay bricks. There is also a lack of marketing strategy; currently it is word of mouth and/or grant-funded projects. A local interviewee said, “Adding cement to soil is viewed as wastage and therefore perceived as expensive.”

In Jinja, tourists often donate money to younger members of the community meaning they are reluctant to attend ISSB training when they could be begging on the streets.

The bricks can be misinterpreted as poor quality just because of their low costs. One interviewee commented, “Clients are hesitant to use compressed earth blocks for their housing, they believe they reflect low social status and people doubt their durability. ”

I believe the technology is marketed to the manufacturers poorly. Rarely is the technology sold on the emphasis of environmental advantage and only on the cost saving advantages. Promoters should understand the local perception and focus on educating clients on the technology, its sustainability and how cost effective it can be in the long run. Also, so far, women have not been involved in construction and it can be a great way of giving people skills and independence to work and build their own houses and communities.

Comparative Analysis and Advantages of ISSBs

Properties	Interlocking Stabilised Soil Block	Sun-dried Mud Block	Burned Clay Brick	Stabilised Soil Blockb	Concrete Masonry Unit
GENERAL INFO					
Block Apperance					
Wall Apperance (not rendered)					



Pictured: (Top) A woman is taught how to use an ISSB press in Jinja. (Bottom) A construction worker builds a dry stack wall using ISSBs.

News from Alumni

Congratulations to **Mr James Chau** (Education, 1999) on his appointment to the World Economic Forum as Young Global Leader. The honour recognises his career in broadcast journalism, as well as his activism as UN Goodwill Ambassador in the fight against HIV and AIDS.

In addition, he has been appointed Trustee to the Menuhin Competition, the world's premier platform for young violinists. The Competition returns to London in 2016 to celebrate Lord Menuhin's centennial, and will be hosted by the Royal Academy of Music of which James is an alumnus.



Congratulations to **Ambassador Kriangsak Kriangsak** (Law, 1983) who has been elected President of the 25th Meeting of States Parties to the 1982 United Nations Convention on the Law of the Sea. His term of office is June 2015-June 2016. Kriangsak is a member of the United Nations International Law Commission and author of the pioneering textbook *International Criminal Law* (2001).

The College congratulates Former Visiting Scholar, **Mr Eiichi Iwasaki**, on the publication of his linguistics book. This sole-author book focuses

on the semantics of the definite article and the copula, two of the most hotly-debated issues in the field of theoretical linguistics. The book has a congratulatory message from Waseda University Professor Akira Morita, followed by the four substantive chapters that analyse the two grammatical issues.

Eiichi, says that he is delighted with this publication and also wishes to express many thanks to his friends and colleagues, who warmly cooperated with his research, in particular, Chris Cummins at the University of Edinburgh (and an alumnus of Trinity College, Cambridge) and Loren Waller at Yale University for their help on linguistic data. He hopes to publish an English version translated from this original written in Japanese.



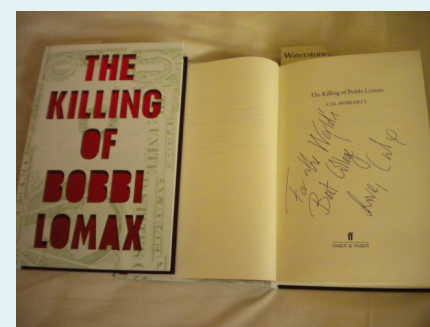
Mr Anurag Verma (Management Studies, 1994) along with 46 of his Deloitte colleagues climbed Mount Kilimanjaro to raise funds for Alzheimer's Society, Prostate Cancer and Mind earlier this year.

Anurag said, 'It really was an adventure of a lifetime and pushed me to new extremes. I am delighted to report to you that almost all of my team made it to the top with me. Even more importantly, we have successfully raised nearly £1m for our chosen charities.'



Congratulations to **Ms Lorrie Sheehy** (English, 1994), pen name Cal Moriarty, on her debut novel *The Killing of Bobbi Lomax* which was published on 7 May 2015. *The Killing of Bobbi Lomax* follows a series of bombings in a sleepy US town and the investigation that follows, centred round a rare books dealer who could be a genius, or a devil.

Faber have signed a two-book deal with Lorrie and it represents the first time the publisher has taken on a writer from its own Faber Academy.



Dr Kin F. Kam's (Maths Part III, 1989) book *Blood, Dragons and Lions: How Alienation and Science Led Me to Spiritual Enlightenment and Innovation* was published on 30 September 2015. In this sagacious blend of memoir, modern history and science, the author reveals an immigrant story made most difficult by a rare life-threatening illness.

Announcements from Alumni

Marriages

Congratulations to **Mr Mathias Lidgren** (Medicine, 2007) and **Mrs Bridget Lidgren** (née Senior, Veterinary Medicine, 2008) who were married at Trolleholm Castle in Sweden on 22 August this year (pictured below).



Births

Congratulations to **Mr Sheldon Middleton** (Veterinary Medicine, 2001) and his wife Lara, who welcomed Rafe Edward Laurence Middleton into the world on 3 June 2015 weighing 8lb 13oz.



Obituaries

Dr Timothy Mbasuen (Engineering for Sustainable Development, 2009) died on 27 November 2014, aged 37 following a brief illness.

Timothy's Tutor and College Fellow, Professor Peter Guthrie OBE, said 'Timothy was a quiet and charming person with great sensitivity. He was a most popular member of the class of 2009/10.'

After St Ed's, Timothy went on to study for a PhD at Oxford University (photographed below) in Engineering Science.



Mrs Lisa Charlotte Hain-Sharlow (1975) passed away after a long illness on 14 October 2015.

Her husband, Dr Stewart Sharlow, a Visiting Research Scholar at St Edmund's House between 1975 and 1979, said, 'Charlotte and I had many happy memories of our time at St Edmund's. Over the years, we have followed the growth and expansion of the College with great interest. We wished we had had an opportunity to return for a visit but such was not meant to be the case.'

Ambassador Gordon Harry Bristol (International Relations, 1983), Under Secretary for African Affairs in the Ministry of Foreign Affairs, died on 3 December 2014.

His friend, colleague and fellow St Ed's alum, Mr Sidney Stubbs (International Relations, 1984), says, 'Gordon had a huge and towering intellect, a penchant for hard work, an ebullient personality, a love of diplomacy and a passion for Nigeria. To know Gordon Bristol was to come into contact with a completely self-assured and well composed Nigerian diplomat. He had a great sense of humour and laughed loudly and with great gusto.'

Sidney recalls, 'Gordon's intellect and quest for knowledge was such that right from our early encounters we were always planning to go to either Oxford or Cambridge and exchanging ideas on how best to gain admission and pay our way. He eventually went several years before I did and paid his school fees by selling off a car he had bought during our one year attachment abroad!'

Our condolences to Gordon's wife, Ambassador Ijeoma Bristol, and children.





St Edmund's College

University of Cambridge

Development Office
St Edmund's College
Cambridge CB3 0BN

T: 01223 760877

E: development@st-edmunds.cam.ac.uk

W: www.st-edmunds.cam.ac.uk/alumni