



TW

The magazine of St John's College, Oxford

2018

Icons of St John's

Developing Bigger Brains

Professor Donald Russell Unveiled

Smarter Cities

Unlocking Children's Language

Contents

- 1 From the Editor
- 2 From the President
- 4 News
- 10 Lecture Notes
- 12 Arrivals
- 13 Leavers
- 14 Research Soirées
- 16 Early intervention – for long-term impact
- 20 Professor Donald Russell’s portrait is unveiled
- 24 The Reading List
- 26 *The Virgin of the Unfading Rose, with Old Testament Prophets*
- 28 Less is more when it comes to developing bigger brains
- 32 Artist in Residence 2018
- 33 Fellows’ Achievements
- 36 The complexities of cities
- 39 From the Junior and Middle Common Rooms
- 42 Sport
- 50 A Day in the Life of the SCR Butler Tim Webber
- 52 A Schrödinger’s saint: an icon of St Spyridon’s Shrine in St John’s College, Oxford
- 58 The St John’s College Women’s Network
- 60 The St John’s Online Community: the story so far
- 61 In Memoriam
- 81 College Record
- 98 News of Alumni
- 101 Calendar



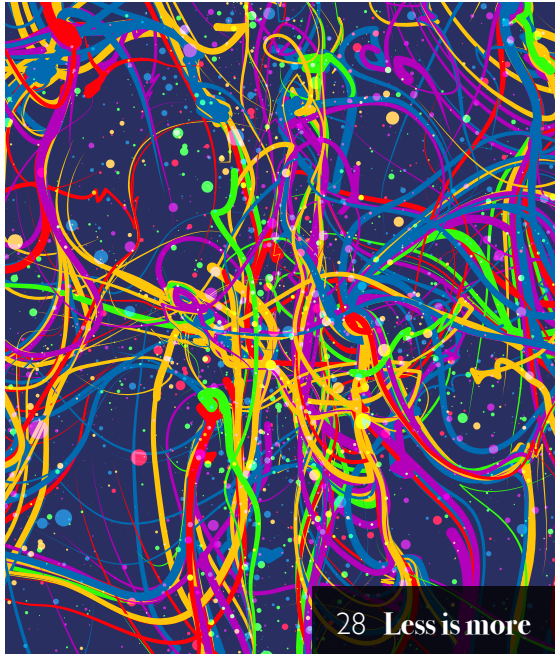
16 Early intervention



20 Professor Donald Russell’s portrait



St John's College, Oxford



28 Less is more



36 The complexities of cities



52 A Schrödinger's saint

From the Editor

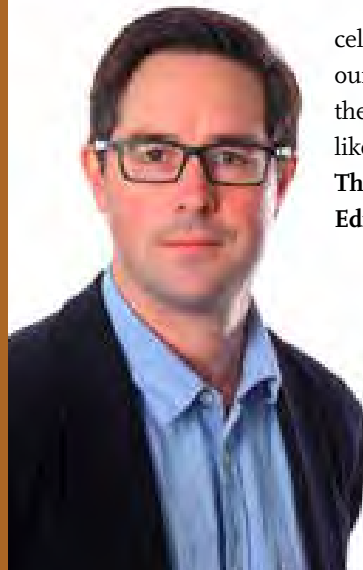
It has, in some respects, been an unusual year for St John's. For much of it the President was away on research leave. You can read about the results of her work later in *TW*. The effect of her absence can also be measured in the expanded waistline I acquired, dutifully dining day and night for the college as Acting President. In both Week of Michaelmas Term alone, I think I encountered just about everything that can be legally done with a duck.

Beyond this, we seem all to have emerged from the experience none the worse. Like me, the college continues to expand. The Library is almost finished; the new facilities for our gardeners have just been awarded a letter of commendation by the Oxford Preservation Trust; the ongoing process of restoration and repair has transformed the Beehive Building in all sorts of interesting ways. Our efforts to catalogue the pictures, silver and ceramics have also revealed new things, not least the story of an intriguing icon in the President's Lodgings, which forms the subject of one of our articles.

Intellectually, too, it has been a good year for St John's. While we greet the Norrington Table with all the disdain it deserves, it is satisfying to do so from first place. Our students and staff continue to be recognised for their achievements and the research done within the College continues to be path-breaking. Here, we are able to show only a small sample, especially focusing on interdisciplinary studies: bringing maths into dialogue with neuroscience; bringing the insights of geographers, sociologists and planners to bear on the problems of the contemporary city.

We also have a chance to celebrate the achievements of our alumni. Do let us know if there's something you would like us to include.

The Revd. Prof. William Whyte
Editor, *TW*



From the President

As I write this, I am entering my seventh year as President. Seven is said to be a lucky number so I am hoping this coming academic year will be the best to date. But this past year will be a difficult one to beat, not least because no fewer than 60 of our students (over half) graduated with first class honours in Finals, placing us well at the top of the Norrington Table on 82.04% (the only college above 80% in fact). What better way to celebrate the class of 2018 than with a salute in *TW*? This is a wonderful achievement for each and every one of them and it underlines how important it is to admit the brightest and the best. It is also an enormous credit to those who teach them and we are very privileged to have so many distinguished tutors in our midst.

The beginning of every academic year is a time of renewal but as this particular year takes root, there is much to report. The Great Lawn has been relaid and, despite the absence of rainfall this summer, is looking splendid. The same is true of the Garden Quad Auditorium which, following its major refurbishment, has been shortlisted by the *Architects' Journal* for a Retrofit Award. Works to refurbish the Dolphin Building started in June 2018 and will complete early in 2019 – we are replacing all mechanical and electrical elements and completely refurbishing all rooms to bring the building back to its original condition. Most significantly, however, our new Library and Study Centre is almost complete and the library staff will soon be bringing new order to our collections and displaying our many precious manuscripts better than ever before. Next will be the refurbishment of the Laudian Library and the restoration of the tutorial rooms which formed the Paddy Room, no longer needed.

This year we have also renewed our commitment to our academic objectives which are at the heart of all we do. Following major reviews of our Academic Structures and our Bursary, we have decided to hold on to academic oversight with Fellows leading the College on both fronts, but with a strengthening of administrative support – so-called ‘modernisation’ though that is a prohibited word. This year has also seen the launch of our much anticipated outreach programme ‘Inspire’. The aim of this programme

is to encourage students from less advantaged backgrounds to aspire to elite universities like Oxford and, of course, to consider applying to St John’s. We have begun the programme in our linked schools in Harrow and Ealing by offering twilight sessions on topics from the arts, sciences and social sciences, covering core academic skills and critical thinking. We have been working most intensively with Year 12 students, 60 of whom attended a summer school at College to present the work they had completed and to get a taster of life here as a student. Feedback is good – next year we will collect data for a robust evaluation as well as work more closely with teachers, to support them in inspiring new generations of pupils. I am confident that the approach we are taking is the right one and I am impressed by the progress we have made. I am also pleased to report that we are starting from a good base: as the first University of Oxford Admissions Report showed in May, St John’s is already admitting a diverse range of students. But we can do better, and be assured we will – without lowering our standards.

Before closing I must thank you all for your support and engagement. I would particularly like to acknowledge the alumnae who have helped launch the Women’s Network and who made me so proud at the Women’s Festival in March. During the year I had the privilege of meeting many of you during my travels as well as at the usual round of Gaudies and College Society events in Oxford and London. Do please continue to visit and also make sure you let us know your news and your many achievements.

Professor Maggie Snowling
President





The Inspire Programme celebrates its first birthday

St John's is delighted to be celebrating the first birthday of its innovative Inspire Programme. This dynamic outreach initiative is focused on non-selective state schools in our link regions of the London boroughs of Ealing and Harrow, and consists of a carefully structured programme for students from Years 9 to 13. Over these five years, pupils with promise are encouraged to raise their aspirations, to stretch themselves academically, to develop their interests and to grow in confidence, so that they can make well-founded applications to top universities such as Oxford.

Our first year has been incredibly busy, exciting and rewarding. We have met hundreds of pupils, in their schools and in Oxford, and shared with them, and with their teachers, the joys of developing their knowledge, discovering what Oxford has to offer, and aiming high for their future.

'Two things I've learned today: how to ask questions and what to ask when studying sources, and don't assume anything when looking at a source.'

Year 11 pupil, Arts and Humanities Visit Day

The programme began by concentrating on pupils in Years 11 and 12, the key years for making these vital decisions about their future. About 65 Year 11 pupils attended a series of Academic Taster Days in Oxford, dynamic, hands-on days full of tours, activities and talks on either STEM or Humanities subjects. On one such day, following a talk on 'Why museums collect and how we can learn from objects', pupils visited the Ashmolean Museum where they enjoyed an object-handling session. The chance to get up-close, to touch the past, to hold it in their hands, was a real revelation.

Year 12

Year 12 has been at the heart of Inspire this year, with about 80 pupils from eight schools enrolled for a course of five Twilight sessions in their schools, led by our outreach staff and a team of committed academic experts. These have given talks on topics as diverse as 'The future of food', 'The biomechanics of insect flight', 'Conquest and Christianisation: Saxony and the Carolingian World, 772-888', 'Ruins and Romanticism in English literature', 'The wonders of the brain' and 'Calculating cancer: what can

'I really enjoyed the lectures and seminars that I attended as it gave me more of an insight of how learning at Oxford would be like.'

maths and computer science tell us about medicine?'. These lively sessions concluded with guidance on study skills, and how to conduct and present research. It has been clear from the pupils' reactions that they've really enjoyed them, and have been excited to learn and think about topics they don't encounter at school.

'Thank you very much for creating this programme! I enjoyed it very much!' Year 12 pupil, Twilight sessions

The culmination of the programme for Year 12 was our Residential Summer School in August, when about 50 pupils came to live in St John's for four days, to see for themselves what life at Oxford is really like. It was a brilliant few days, as the pupils attended lectures, seminars and application workshops, toured the colleges and the city, and listened as each one of them gave a presentation on a piece of original research they had done over previous weeks. To unwind, they also took to the river in punts and watched open-air theatre. A graduation ceremony at the end of the week, with parents present, was a delightful way to round off a truly inspiring and happy event.

Teachers

A vital part of providing opportunities for bright students to engage with Oxford has been to build relationships with their teachers, and to do all we can to help them to give their most able pupils the expert advice and guidance they need when applying to a top university. The Inspire Programme has included two sessions for teachers on making UCAS personal statements and references as effective as possible. The sessions, delivered by Causeway Education, are based on research by leading academics from multiple Russell Group universities, and gave teachers practical strategies to use in the classroom and with their colleagues, so that successive cohorts of students can benefit from their improved practice. The feedback from the teachers who attended was fantastic, and we have lots of plans to expand our work with them.

'It changed my perspective on personal statements and references. It was great to include the research this was based on, so teachers know how you know it works.'

Looking forward

We have lots of plans to build on this rewarding first year of Inspire. Our Twilight sessions for Year 12 will include parallel sessions for teachers, too, on STEM and Humanities topics, with updates on cutting edge research in their subjects and more information on how best to support their academically gifted pupils in their future choices.

This sustained contact with teachers and their pupils will be supported by our new digital platform, Inspire Digital 360, a dynamic online resource where prospective students and teachers can find subject articles, questions for further research, puzzles, competitions, videos and a host of super-curricular material. They can also directly contact our Access and Outreach team with any questions. Oxford academics are writing the fantastic content for this lively platform, which is being refreshed and expanded all the time. Our first issue is on 'How to design a successful video game'.

We are also looking forward to engaging with more pupils at a younger age, in Years 9 and 10. This year's series of aspiration-raising visits to Oxford went down so well with Year 10 pupils that we plan to do lots more of those, and to develop our support for them in school, too.

Finally, we are reaching out to more schools. We are actively targeting more schools in Ealing and Harrow that have traditionally sent few pupils to Oxford, and we are starting to expand Inspire to our other link regions, Brighton & Hove, East Sussex and West Sussex. This will start with subject-specific study days in Oxford for Year 12, prior to the full launch of Inspire in those regions in future.

At St John's we're committed to admitting students who are passionate about their subject and prepared to work for it, regardless of their background, and supporting them to succeed here. We welcome diversity in our student body, and are proud that our students do indeed come from a richly diverse mix of backgrounds. Our first year of Inspire has been, well, inspiring, and we are so looking forward to developing our relationships with more pupils, supporting them as they grow in confidence, and helping them to see that Oxford can be for them.

We are now taking applications for Year 12 and teachers' Inspire. Please visit <https://www.sjc.ox.ac.uk/discover/news/inspire-applications-2018-19/> for more details.

Thomas White Building Listing

Sir Thomas White Building named by Historic England as one of 2017's 20 most intriguing places

Alongside a Neolithic trackway in South Yorkshire, Skegness's Esplanade, and Gasholder No. 13 on London's Old Kent Road, the Sir Thomas White Building has been named by Historic England as one of 2017's 20 most intriguing places. Now Grade II-listed and known as Tommy White to all in College, it was built in 1972–75 to provide the additional accommodation needed due to the growth in student numbers in the 1960s and St John's desire to offer its students rooms in College for the duration of their studies. Philip Dowson of Arup Associates, an important post-war practice, won a limited competition in June 1967, responding to an ambitious brief that included lecture rooms, a science library, swimming pool, underground car-parking, dining facilities and a new Senior Common Room, as well as student bedrooms. Plans were scaled down due to rising inflation in the early 1970s and the final plan was for 154 two-room student bed-sits with communal bathrooms and kitchens, common rooms and a porter's lodge. The current building houses both the Junior Common Room and the College Bar. The new building won the 1976 Concrete Society Award and was praised for the 'outstanding quality' of its concrete frame. Speaking on BBC Radio Oxford, TW Editor Professor William Whyte described the Sir Thomas White Building as 'like a modern reinvention of the traditional Oxford college'.





Sue Allen



Maximilian Schuessler



Rory Maclean



Catherine Paverd



Kevin Clarke

Picture This! St John's Photography Competition

Throughout the course of the 2017/18 academic year, the College's Communications Team ran a photographic competition entitled *Picture This!* Open to those studying, teaching or working at St John's, entries were based around the suggested themes of:

- College community
- A slice of student life
- Sports
- Our environment
- In the abstract
- Inspiration

All of the entries were of an extremely high standard and skilfully captured life at St John's. It is our pleasure to share some of them in the pages of this edition of *TW*.

Women's Engineering

St John's community marks

International Women in Engineering Day

Women in Engineering Day is an international awareness campaign to raise the profile of women in engineering and focus attention on the amazing career opportunities available to girls in this exciting industry. Celebrating the outstanding achievements of women engineers throughout the world, it was launched for the first time in the UK in 2014 by the Women's Engineering Society. It received UNESCO patronage in 2016 and in 2017 became International Women in Engineering Day (INWED), to allow the celebration to become global.

The College is committed to diversity in all forms and believes INWED offers a fantastic opportunity

To mark the occasion, on 23 June 2018, women in the St John's community shared their experiences of working in this dynamic, rewarding field. The College is committed to diversity in all forms and believes INWED offers a fantastic opportunity to highlight some of its talented women engineering students, staff and alumnae.

Many St John's engineering alumnae in have gone on to develop highly successful and rewarding careers. One of them is Rachel Gittens (2001), a Chartered Civil Engineer (CEng MICE) who has worked in the construction industry for 13 years since graduating. In 2016 she was appointed as one of the youngest female Infrastructure Associates for Ove Arup & Partners International Ltd.

Rachel has designed and delivered a number of large and complex infrastructure projects across the UK, Europe and Australia, including the London 2012 Olympic and Paralympic Games.

Rachel says: 'From an early age it was evident that I wasn't going to follow any social convention of what a girl should be like. I hated dolls; it was dinosaurs, cars, Lego and trains which held my attention. I was always eager to know how things worked and wanted to help my dad around the house. I was never discouraged from doing so, and as a result by the age of ten I was adept at simple DIY and able to drain our central heating system! I was privileged to have a long line of engineers in my family, and although none of them were women, I never considered that a barrier. I knew what an engineer was and I wanted to be one. I still remember my interview at St John's, when I was asked what type of engineering I wanted to do. What had attracted me to the course at Oxford, apart from studying alongside some of the world's most prestigious engineering academics, was that I didn't have to pick an area to specialise in. So I responded "There are lots of areas I am interested in, but I want to keep my options open. However, I know I definitely don't want to be a civil engineer." I am, of course, a Chartered Civil Engineer and have worked in the construction industry since I graduated!'

BAME Dinner

Celebrating diversity at the annual BAME Dinner

People from across the St John's community gathered on 2 February to celebrate the diversity within College and to enjoy the annual BAME (Black and Minority Ethnic) Dinner.

Ishta Sharma (Medicine, 2016), the JCR BAME officer and Imran Naved (Engineering, 2013), the MCR BAME officer, commented: 'It was such a privilege to organise the BAME dinner this year. Following a highly inspirational

and thought-provoking talk from Dr Priyanka Dhopade, a postdoctoral researcher and pioneer of the "women in engineering" movement, all the members of the BAME community across the JCR, MCR and SCR gathered for drinks in the New Seminar Room, before a splendid dinner in the Senior Common Room. The annual dinner always presents a wonderful opportunity to celebrate the ever-flourishing diversity within the college community.'

International Evenings

College celebrates its international diversity

St John's has continued its tradition of International Evenings throughout the 2017/18 academic year, celebrating the diversity of its student population. In February, Hall was transformed for a delicious and lively Mexican dinner and was decorated with Mexican flags and matching serviettes. The starter was pozole soup served with guacamole and tortillas, a common dish served on occasions such as Independence Day, birthdays, Christmas and New Year's Day. The main

'Mexican culture is all about family, community and sharing.'

course consisted of chicken or vegetable fajitas with Mexican salad and, for dessert, a *très leches* (three milk) cake. The meal was complemented by a playlist of classical Latin jazz music, courtesy of Jelle Verburg, the International Officer of the MCR. The organisers of this dinner were JCR International Officer (Toni Busuttill, Fine Art, 2017) and JCR International Rep (Nicole Neo, PPE, 2017). Nicole summed up the event by saying: 'Mexican culture is all about family, community and sharing. We were very honoured to be able to organise such an event to celebrate and expose the JCR members to other cultures. It was also an enriching experience that we thoroughly enjoyed.'

In May Hall played host to a delicious and lively Caribbean International Evening. A delicious menu was proposed by JCR member Cal Shearer (PPL, 2017), and included jerk chicken or sweet potato kebabs with mango salsa, saltfish and ackee with dumplings, rice and peas, and sweet fired plantains with clotted cream. Cal's mother, Ms Vicky Licorish, gave a thought-provoking speech about Caribbean culture and her experience of living in the UK. Ms Licorish produced the Emmy-award winning TV drama, *Small Island*, an adaptation of Andrea Levy's novel about the Windrush generation that came from the Caribbean to the UK.

LGBTQ+ and History Month

Students organise the first LGBTQ+ and History Month Conversation with alumna and Honorary Fellow Angela Eagle MP (PPE, 1980)

Honorary Fellow Angela Eagle MP spoke to students and staff of the College and the wider university about political progress in LGBTQ+ matters, and the importance of not being complacent about what has been achieved to date in the UK and worldwide. The MP, who has been in Parliament for 26 years and who came out as a lesbian in 1998, spoke on a variety of LGBTQ+ issues. Reminding her predominantly student audience of the implications of Section 28 (which until 2003 prevented local authorities, including schools, from 'promoting' homosexuality), she gave a sense of the huge progress made since, but she also noted that LGBTQ+ people in the UK are still dealing with the legacy of such legislation. Pointing to the UK Government's inaction in the face of Bermuda's recent same-sex-marriage repeal, as well as to the ongoing events in Chechnya, she reminded her listeners of the many concrete realities for LGBTQ+ people outside the UK and Western Europe. Audience members asked numerous questions: on the situation that LGBTQ+ asylum seekers have found themselves in, on Brexit and its implications and on divides in the LGBTQ+ community itself over the question of pragmatic step-by-step progress or radical demands. Angela Eagle showed herself a realist, embracing progress but continuing to press for more.





The Beehive

Renovation of this architecturally innovative building

The Beehive, one of the St John's student accommodation blocks and a significant post-war Oxford building, enjoyed a facelift during 2017. In the spring the stone façades were restored and cleaned and the windows were replaced, while over the summer the interiors received a comprehensive upgrade. Each bedroom was renovated with new furniture and flooring, while carefully preserving the building's period features, and brand new kitchens and bathrooms were installed. Architectural historian and Tutorial Fellow

'...it was the first genuinely modern building to be erected by any Oxford college.'

Professor William Whyte explained the significance of the building: 'The Beehive Building was a revolutionary piece of architecture when it was put up in North Quad between 1958 and 1960. Designed by Michael Powers of the avant-garde practice the Architects' Co-Partnership, it was the first genuinely modern building to be erected by any Oxford college. In appointing the Architects' Co-Partnership, St John's broke with tradition in more ways than one: abandoning the historic styles which had predominated for centuries, and dismissing Sir

Edward Maufe – an old member of the College – who had previously redesigned Front Quad and erected the Dolphin Quad Building. This was a deliberate decision, intended to signal that St John's was modern, up to date and ambitious. Not everything was new, of course. The Fellows indignantly rejected a first design which included corridors, arguing that the existence of corridors at Keble precluded St John's from adopting any such idea. The decision to employ a Portland Stone facade also spoke of continuity. Above all, the hexagonal design – which gave the building its name – was a brilliant solution to a problem of planning. North Quad had grown up haphazardly, and any building in that place had to negotiate a tricky path from the north-east corner to the edge of the SCR. The Beehive did that with aplomb. Above all, this is a building which did indeed serve its intended purposes: signalling a new St John's, one confidently looking forward. As such, it set the tone for further developments – all of them modern in approach. The Thomas White Building, Garden Quad, the new Library and Study Centre: all of these pick up on cues pioneered here. In Kendrew Quad, we even have a building – shockingly – with corridors.

LECTURE NOTES

College hosted a wonderfully varied range of lectures and talks this year. Further information about upcoming talks and events can always be found on the website or by contacting the Alumni team directly.

Founder's Lecture

The 2018 Founder's Lecture was given by Professor Linda McDowell, CBE, DLitt, FBA, from St John's College and the School of Geography.

Describing herself as a 'labour ethnographer', Professor McDowell spoke passionately about her study of people's working lives, in particular those of migrant women who joined the British workforce after the Second World War. Illustrating her point with a quotation from Honorary Fellow and historian Sir Keith Thomas, who argued that 'Work is a virtually inescapable part of the human condition', she emphasised the significance of employment in providing individuals and society with a sense of identity. Migration and employment were therefore central issues in understanding the transformation of Britain in the second half of the 20th century and the diversification of its workforce.

The audience of Fellows, tutors, students and alumni from St John's were fascinated by the personal stories of Professor McDowell's women interviewees, many being tales of hardship, the difficulties of integration and the challenges of transferring skills into a different cultural environment.

Migration and employment are of course issues which remain extremely relevant in today's society, perhaps especially as the UK moves towards its exit from the European Union. As referenced in last year's *TW*, Professor McDowell's most recent book, *Migrant Women's Voices*, was published in 2016. Her lecture is available on the College website.





In Conversation with Angela Eagle

On 16 November St John's was delighted to host alumna Angela Eagle MP (PPE, 1980) in conversation with Professor Kate Nation, at Church House in Westminster.

Angela studied Philosophy, Politics and Economics at St John's, matriculating in 1980, the second year that the College admitted women. She has since gained prominence as Labour MP for Wallasey, a seat which she has held since 1992, and as Minister of State at the Department of Work and Pensions, Shadow Chief Secretary to the Treasury, Shadow Leader of the House of Commons, Shadow First Secretary of State and Shadow Secretary of State for Business, Innovation and Skills.

In Kate and Angela's illuminating discussion, Angela spoke about the importance of encouraging women to play an active part in politics, civic life and trade unions. Her parents taught her and her sister that there was nothing they couldn't do, and she was later further inspired by the example of Barbara Castle. Parliament, an institution

created in the total absence of women, may be difficult to change, but there was nothing, she said, to hold women back.

On higher education funding, Angela observed that she would have been discouraged from attending university by the current situation, and that she led the resistance to the introduction of tuition fees, but she felt that the huge rise in the percentage of the population attending university necessitated some change in the funding structure. On the issue of widening access to universities such as Oxford and Cambridge, Angela emphasised that there was always more that could be done by reaching out and countering the caricatures about what Oxford was like.

Angela recently published her first book, *The New Serfdom*, on evolving democratic socialist principles so they remained relevant as society and the economy changed. She emphasised the importance of an interconnected and societal response to new challenges, and of developing a more ethical economy.

ARRIVALS

We are delighted to welcome new members to the St John's Community, and hope that you will enjoy reading about their research, and having the opportunity to meet them at future events.

Michaelmas Term 2017

Professor Stefan Kiefer (Fellow in Computer Science) has broad research interests in the theory of computation. A typical research question is whether there are efficient algorithms to solve a computational problem.

His research is often motivated by the automatic verification of computer systems, in particular those with inherently stochastic behaviour. This involves various mathematical techniques, including automata, logics, numerical analysis, queueing and probability theory. He holds a Royal Society University Research Fellowship, pursuing a project on the quantitative analysis of infinite-state systems. He obtained his PhD at the Technical University of Munich in 2009. In 2014 he became an Associate Professor in the Department of Computer Science.

Professor Noel Sugimura (Fellow in English) specialises in the literature and culture of the period 1550–1760. She works primarily on 17th-century England, with a particular focus on John Milton, though her recent work has moved into Milton's reception history in the Long Eighteenth Century and Enlightenment cultures. She has also published articles and book chapters on early modern dramatists, including Shakespeare; 17th-century poets (aside from Milton); and 18th-century literary culture in relation to Milton. Her first monograph, *'Matter of Glorious Trial': Material and Spiritual Substance in Paradise Lost* (Yale University Press, 2009) was the first study to re-evaluate Milton's intellectual inheritance (from Plato, Aristotle and the scholastics) and to propose that Milton's poetry responds to these philosophic legacies by placing conflicting ontological visions in opposition to one another. The book suggests that poetry was for Milton a mode of thinking, or philosophic speculation, and that this practice is exemplified in the ontological commitments emerging from *Paradise Lost* and throughout the rest of his poetic oeuvre. Since the publication of *'Matter of Glorious Trial'*, her research and

teaching interests have expanded to meditate increasingly on the more human dimension of, and responses to, transcendent experiences, specifically in the context of the passions, rhetoric, theories of affectivity and the sublime.

Trinity Term 2018

Mr Robert Crow (Director of Development and Alumni Relations) comes to St John's from neighbouring Balliol College, where he helped lead the team successfully to complete a £30m fundraising campaign to mark the College's 750th anniversary. He manages St John's Development Office, oversees the College's development and alumni relations strategies, and works with major benefactors to support the College's philanthropic priorities. He read Classics at Jesus College, Oxford.

Professor James Maynard (Supernumerary Fellow, Mathematics) is a Professor of Number Theory at the Mathematical Institute in Oxford. He received his BA from Cambridge, his DPhil from Oxford and has done postdoctoral work in Montreal, Oxford, Berkeley and Princeton before joining the Oxford Mathematical Institute. His research is in pure mathematics, particularly on the distribution and properties of prime numbers. Many modern computer algorithms rely on assumptions about prime numbers which are closely related to famous unsolved theoretical problems that are hundreds of years old. His research is focused on developing new theoretical tools to make progress on these problems, hopefully ultimately leading to an understanding of some of the algorithms used by computers in everyday life.



LEAVERS

We take this opportunity to thank warmly those Fellows who are leaving St John's or retiring this year. We congratulate them on their new roles, and look forward to welcoming them back to visit College.

Ms Amber Bielby

Director of Development and Alumni Relations

Dr Chiara Cappellaro

Research Fellow in Humanities and Social Sciences

Dr Ellie Clewlow

Academic Dean

Dr Antonia Fitzpatrick

Junior Research Fellow in History

Dr Thomas Harty

Junior Research Fellow in Physics

Dr Sneha Krishnan

Junior Research Fellow in Human Geography

Dr Stephan Uphoff

Junior Research Fellow in Biochemistry

RESEARCH SOIRÉES

Professor Fraser Armstrong (Tutorial Fellow in Inorganic Chemistry and Fellow for Research) co-ordinates a number of soirées throughout the academic year during which scholars share their research with members of the MCR, Fellows and their guests.

The subjects discussed in the soirées were wide-ranging and included:

Professor Zoltan Molnar (Professor of Developmental Neurobiology, Department of Physiology, Anatomy & Genetics and Tutorial Fellow of the College), Professor Philip Maini (Professorial Fellow in Mathematical Biology) and Dr Noemi Picco (Research Associate in Mathematics), spoke about their collaborative project on 'Evolution of the Brain' (see a full report on page 34).

Professor Ian Klinke (Tutorial Fellow in Human Geography): 'Space, War and Power: German geopolitics in historical perspective'

Tracing the history of German geopolitical ideas from their origins in the late 19th century to the present, his focus was not so much on the often sanitised statements of political leaders, but on the ideas of think tankers, military strategists and political advisers. Dr Klinke suggested that whilst geopolitical thought was until the early 2000s confined to the margins of the German political spectrum, it has since become much more prevalent in the political mainstream. Parts of the talk were subsequently published as a paper in the Chatham House journal *International Affairs*.

Professor Katherine Southwood (Tutorial Fellow in Theology and Religion): 'The Dark Side of the Hebrew Bible: Challenging topics in sacred texts'

The session introduced some of the core methods used in biblical studies, such as working with critical editions of texts, engaging with multiple texts in ancient languages (Hebrew, Greek and Aramaic, Latin), exploring various nuances of specific terms and their varying uses and semantic ranges, and textual criticism. It also illustrated how these more traditional methods within biblical

studies could be used in interdisciplinary research using the example of a recent monograph *Marriage by Capture in the Book of Judges: An Anthropological Approach* (2017). Finally, the session compared the methods used in biblical studies with some examples of less religiously literate recent engagements with biblical material.

Professor Julia Bray (A. S. Al Babtain Laudian Professorial Fellow in Arabic): 'Saladin's Physician: was he a Wizard?'

The first Sultan of Egypt and Syria, Saladin, was dogged by illness. One of his many physicians was the mysterious Jilyani, a poet and mystic as well as a doctor. Until Saladin's death in 1193 Jilyani periodically composed extraordinary poems for him. Written in coloured letters and gilding on long scrolls in interlacing geometrical and vegetal patterns, they looked very like talismanic figures, but on a much larger scale (of up to several metres). Professor Bray explained that they could be read in different directions to produce new poems in different rhymes and metres. A few manuscripts of the poems had survived, and they raised many questions. Similar poems were popular until well into the 19th century, if not beyond. As audiovisual artworks that achieved their full form only when the reader joined in the game of

deciphering them, Jilyani's scrolls had all the features of today's 'ergodic' literature. 'Ergodic' is a term coined by Espen J. Aarseth in relation to cybertexts and applies to experimental texts that require a significant effort on the part of the reader to navigate them.

Professor Chris Beem (Tutorial Fellow in Mathematics) with his visitor Professor Tudor Dimofte (Visiting Researcher from UC Davis): 'Introduction into Physical Mathematics'

This joint lecture focused on aspects of Professors Beem and Dimofte's work at the interface of pure mathematics





and theoretical physics. Professor Beem described the sometimes uneasy marriage of 20th/21st-century mathematics and physics, emphasising how cutting-edge theories of quantum physics and string theory had provided new conceptual and computational tools with which to study purely mathematical questions about geometry and topology. Professor Dimofte described past and ongoing successes of this paradigm in the study of knots in three dimensions.

Professor Katherine Blundell OBE (Supernumerary Fellow in Astrophysics): 'Black Holes and Spin-offs'

Professor Blundell described her research programme on evolving black holes in our Galaxy, the Milky Way, and the way that these black holes influenced matter in their vicinity. These interactions happened on remarkably short timescales (by astronomical standards) – as short as hours and days. In order to make 'time-lapse' measurements round-the-clock of these Galactic systems, she had set up a network of telescopes round the world, separated in longitude so that there was always one of them in darkness. The majority of these telescopes were hosted by residential schools, so an important spin-

off of this research programme was the engagement of young people, especially girls, in developing countries into science, engineering and technology. In the early evening, the schools were free to use the telescopes; after local bedtime Professor Blundell remotely controlled the telescopes over the internet to collect data for her and her Oxford-based research team. Professor Blundell received an OBE for services to astronomy and the education of young people in 2017.

Professor Thomas Corsten (Department of Ancient History, Epigraphy and Papyrology, University of Vienna): 'The Kibyrtis: Epigraphic and archaeological research in south-west Asia Minor'

Professor Thomas Corsten described his survey project in the area around the ancient city of Kibyra in southwestern Turkey, focusing on the extraordinary density of Greek inscriptions and archaeological remains through which an unusually clear picture of the organisation and administration of large estates in the Roman Imperial period emerged. This included the social and religious life of simple farmers.

Early intervention – for long-term impact

PROFESSOR MAGGIE SNOWLING



The University of Oxford, like all higher education providers, is tasked by the Office for Fair Access (and its new successor organisation the Office for Students) with widening access to Oxford from groups that are currently under-represented and from disadvantaged backgrounds. The University and its constituent colleges undertake a range of access and outreach activities that aim to have a wide impact in helping to realise aspiration and attainment in compulsory education and to improve participation in higher education, especially to selective universities.

Whilst we are working very hard in St John's to attract the brightest and best, no matter what their background, we face some significant issues. Among these is the lower educational attainment of children who may not attend the most effective schools or have the best opportunities to develop the kinds of academic skill that Oxford demands. In College we are aiming to help raise attainment in schools via our Inspire outreach programme. Here we consider another approach – one which is unlikely to translate into more applicants to elite universities but which may go some way towards improving the educational outcomes of children who come to school with poor spoken language skills. The Nuffield Early Language Intervention (NELI for short) was published by Oxford University Press in January 2018 after a twelve-year period of research and development. Professors Maggie Snowling and Charles Hulme led the project which aims to foster the oral language skills of children in the early years of school.

Why language?

Language is the foundation of education: the curriculum is delivered through language and language is fundamental to literacy and numeracy. Children use language to communicate, to interact and to regulate their own behaviour. It is a vital skill in the classroom – and in life. Sadly, however, not all children enter school with a good command of the language of instruction. These children are likely to have problems

learning to read and write; they will certainly have difficulty reading for meaning and in solving verbally posed mathematical problems. We got interested in language through our work on reading and dyslexia and specifically response to reading instruction. In short, we

All need to be aware of the importance of spoken language, not only as a means of communication but also as a foundation for learning, for literacy and for numeracy.

observed that children with language difficulties were the slowest to respond to well-founded, evidence-based programmes of reading intervention. We also noticed that providing them with

support to develop their vocabulary and speaking skills aided their progress.

A gold standard of evidence

Having noted that children with spoken language difficulties were likely to fail in the reading stakes, we decided to run an experiment which would evaluate the efficacy of two rather different forms of intervention. The first approach directly targeted reading-related skills and built on our validated reading intervention programme. In this intervention, 'Reading + Phonology', children were provided with training in letter-sound knowledge, phoneme awareness (the ability to reflect on the sound structure of words), and sight word reading; in addition, they read from books chosen carefully to be at the right level for them to read without being too far beyond their capability. The second approach did not involve reading. Rather it involved work on oral language: vocabulary, listening comprehension and narrative skills.

We wanted to ensure that we would obtain robust evidence and therefore we ran the experiment as a randomized controlled trial (RCT) with an alternative treatment design. What this means is that all children

selected for the study following screening were allocated at random to receive either the Reading + Phonology (R+P) programme or the Oral Language (OL) programme. There was no untreated control group in this study: all of the children received the extra attention and it was just the input that was different. Given this design, we could look for differential improvement in reading



and language after the intervention. In this, and in all of our subsequent trials, we trained teaching assistants to deliver the interventions to the children, alternating daily between small group and one-to-one work.

The findings of the study were clear: the children who received the R+P programme had stronger reading skills than those who received the OL programme after 20 weeks; conversely, the children who had received the OL programme outperformed the R+P group in language skills. We had good evidence that both interventions worked for children in the first years of school. We asked ourselves – why wait?

The children who received the R+P programme had stronger reading skills

The Nuffield Language for Reading Project

The next stage of development of NELI involved an RCT to evaluate a revised version of the OL programme. We increased the work on vocabulary, listening and narrative skills to provide a 30-week programme to be delivered in the term before school entry in nursery classes and then in the first two terms of school. In the second of these terms, we added training in letter-sound knowledge and phoneme awareness to the diet.

This time we compared the progress of the ‘treated’ children with that of an untreated control group who waited to receive the intervention a year later. The findings were even better than we’d hoped for. Not only did the treated children improve their vocabulary, listening and grammatical skills but also their gains in oral language transferred to gains in reading comprehension a year later, a skill not directly targeted by the intervention.



Efficacy and effectiveness

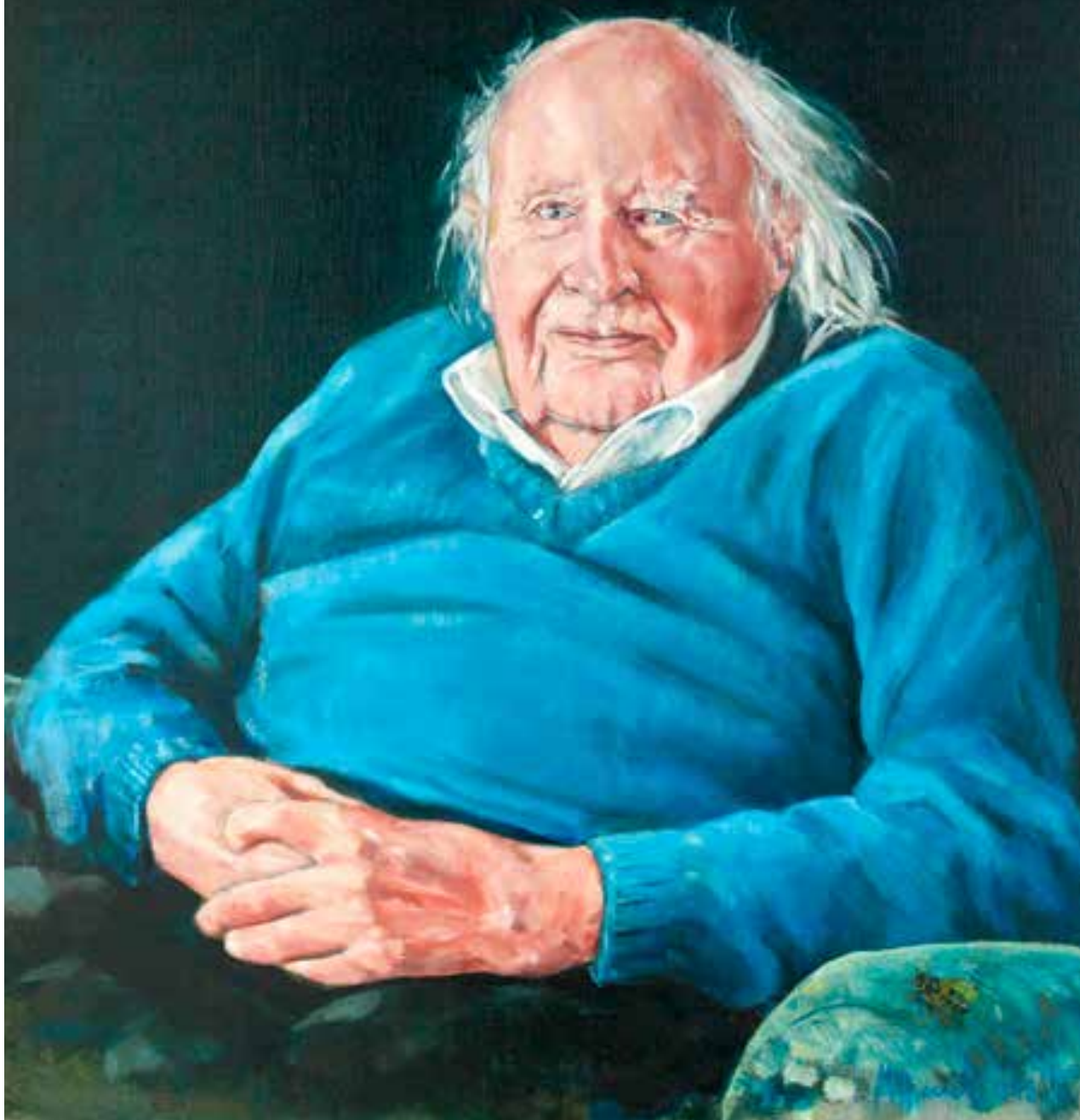
By this stage we had a great deal of research evidence that our language intervention was effective. But this was research evidence. For an intervention to be adopted by the education community, the research team must be kept at arm's length. The next phase of NELI involved independent evaluation, and a comparison of a 20- and a 30-week version. The trial was again a success. The final phase, underway from autumn 2018, is an effectiveness trial involving 200 schools, funded by the Education Endowment Foundation. In the meantime NELI has been formally launched and is being adopted by schools.

Introducing NELI

NELI is a 20-week oral language programme for delivery by teaching assistants to children in their reception year who have weak oral language skills. Three themes run through the programme: vocabulary, listening comprehension and narrative skills. There are activities to introduce and boost vocabulary, prompts to story-telling skills and activities aimed at listening skills. Our partner, ELKLAN, offers training to teaching assistants and other education professionals who wish to deliver the programme. Our hope is that the programme will be rolled out to as many children as need it in our schools. Adapted versions are undergoing evaluation in Luxembourg, Brazil and Chile. For our group, the next step is a pre-school version which will be developed and trialled in 2019/20.



ANNO · ÆTATIS · SVÆ · XCVIII



Professor Donald Russell's portrait is unveiled

ON 11 MAY 2018 A PORTRAIT OF EMERITUS FELLOW PROFESSOR DONALD RUSSELL WAS UNVEILED IN THE PRESIDENT'S LODGINGS.

A group of 116 colleagues, friends and students from all over the globe, including many old members of the College and led by Sir Michael Scholar (former President), Sir Michael Partridge (Lit. Hum., 1956 and Honorary Fellow), Andrew Edwards (Lit. Hum., 1958), John Robson (Lit. Hum., 1951) and Ewen Bowie (Woodhouse Junior Research Fellow in Classics, 1963–65; Emeritus Fellow in Classics, Corpus Christi), had commissioned the portrait by artist Mark Hancock to mark his hugely significant and long-standing contribution to classical scholarship and to the teaching of Classics at Oxford. They were joined in this by the current St John's students, whose Classics society is named after him. The excess of collected funds has been donated by the contributors to the College's Ancient World Fund in accordance with Professor Russell's wishes.



The portrait will be on indefinite loan from the College to the University's Classics Faculty, and is already on display at the Ioannou Centre of Classical and Byzantine Studies. Karen Caines, Graduate Representative on the Ioannou Centre Management Committee (which inaugurated its portrait gallery of eminent classicists in December 2016) noted that it was 'very fitting that Mark Hancock's portrait of Professor Russell should hang in what he himself says he often thinks of as the Rogues' Gallery'. The portrait can be found just outside the First Floor Seminar Room, alongside the portraits of his mentor E.R. Dodds and contemporary Sir Hugh Lloyd-Jones.

Professor Russell's response

Well, thank you all very much: *maximas ago gratias unicuique vestrum*. That is all the Latin I shall use; and I only do this because it seems to be expected.

Let me first say that I have been hugely surprised and delighted and heartened by what you have done for me. I never expected anything like this. I appreciate the honour – of course I do – but I value even more the affection that motivated you to give it me. To some special people, I should like to offer special thanks:

To Michael Scholar for all his support and the eloquent way in which he introduced these proceedings.

To my dear friend Doreen Innes, for venturing to unveil and expose me, with felicitous words and a steady hand; and I am delighted that she succeeded in doing it safely and without any unfortunate hitch.

To Michael Winterbottom, for his generous and thoughtful piece of panegyric rhetoric, in which he touched very skilfully on most of things that most move and concern me. I shall think over what he said, to see if it casts light on the mystery I am to myself. I always think that Know thyself, γνῶθι σεαυτόν, is one of the hardest injunctions ever put upon us. I will add one thing: in the fifty years since he and I began to collaborate, I have learned far more from him than he can possibly have picked up from me. After all, he is the real professional in these matters.

To the Committee of Five, which has done such wonderful work. What a Committee! John Robson – multi-alpha Robson – one of my earliest and ablest pupils; his two pupils, Andrew Edwards, who has done so much in planning the portrait project and this occasion, and my one-time colleague, Ewen Bowie, who spread the word to so many of my fellow scholars and former pupils; and of course the two Sir Michaels. I am tempted to say that seldom can such an array of academic and administrative talent have been engaged for such an inconsiderable end, but I think this may not be quite right. When I reflect on the meetings I have sat through over the years, I think that some such disparity between the talents around the table and the agenda under consideration is not all that uncommon.

And next to Mark Hancock, for the skill and care and benevolence with which he has fulfilled his commission. I rather fancy that I may be remembered by posterity mainly as the subject of an early Hancock portrait, exemplifying Mark's power of expressing personality by the deft handling of hair and eyes and mouth and hands. Incidentally, in regard to my nose and eyes, he has revealed to me a certain resemblance to my father, of which I was not properly aware. I think that we oldies are a good subject for artists. Time has left his marks upon us, which give us an individuality denied to the blander beauty of youth. I have drawn Mark's attention to the wonderful drawing of Gilbert Murray in his nineties by Augustus John, which is in the SCR at St John's. Of course, I am indeed no Murray – and Mark is not yet an Augustus John!

And finally, President, let me thank you for letting us have this occasion here, in these beautiful rooms which hold pleasant memories for many of us.

I was delighted to hear that I should be hung (not hanged) in the Classics Centre, in what I often think of as the Rogues' Gallery. It seems I shall be near Dodds and Hugh Lloyd-Jones. Well, that will be very nice. I revered and respected Dodds more than any other scholar I knew; and he had confidence in me, which I fear I did not wholly deserve. I cherish and honour his memory. With Hugh Lloyd-Jones, too, I had a warm and friendly relationship, which was certainly of benefit to me – and I think also to him. It will be good to be in this company. Perhaps, in the watches of the night, when the Classics Centre is dark and deserted, we shall get together and discuss the shortcomings of the younger generation.

I have touched on these matters in a little Greek epigram, in which the Centre is transformed into a Temple of the Muses. It says something like this:

You have dedicated my image to the Muses.

I am grateful for the honour and the good will,

For I shall once again be with scholars, with whom

I formerly spent time and learned much.

In Greek: εἰκὸν' ἐμοῦ Μούσαις ἀνεθήκατε· καὶ χάριν οἶδα
τῆς τιμῆς ἔνεκεν τῆς τε φιλοφροσύνης·

καὶ γὰρ σὺν λογίοις ἔσομαι πάλιν ἀνδράσιν οἷσι

πολλὰ συνῆν πρότερον πολλὰ διδασκόμενος.

And let me end by wishing you all an old age as rich in 'troops of friends' as you have made mine.

Artist Mark Hancock describes the experience of painting Professor Russell

I am always slightly apprehensive about meeting a new sitter for the first time. As I climbed the stairs to Donald's flat I racked my brain for any classical knowledge or history I might 'casually' drop into our conversation so as to create a bond and get to know my sitter. Not having studied Latin or Greek, I had to rely on my art history and thoughts of Ovid's *Metamorphoses*, often referred to as the 'Artists' Bible' due to the many artworks inspired by its tales. I need not have worried, as I was immediately welcomed by Donald. As we chatted over tea and biscuits he put me at ease with an effortlessness no doubt honed over years of dealing with JCRs and SCRs alike.

To work, and Donald asked where I might sit him. Beforehand I had idly considered all the usual clichés: sitting at his desk; in front of the ubiquitous bookcase; perhaps he would pose in academic robes? On seeing Donald's study and suggesting we went in, he immediately said it wasn't somewhere he spent much time these days (although in hindsight, knowing he is still publishing essays, I'm not so sure that's the case).

We decided that he would sit in his favourite armchair, dressed as he was in a pale blue jumper. I sat myself opposite him and began some preparatory sketches in order to get to know Donald's physiognomy and a feel for his character. We chatted about our respective backgrounds, life in Oxford, the changing face of St John's, though a mutual silence would often descend as I lost myself in my work, only to pick up the thread five or ten minutes later.

Originally I had been focusing on having Professor Russell staring off in to the middle distance, as if lost in thought (another academic cliché perhaps), but pausing to take a series of photographs as the light was particularly favourable, I was struck by his gaze and blue eyes. I realised that this was an important part of who Donald was. Here was a man who could fix you with a kind, thoughtful look, putting you at ease, but equally would not let woolly thinking or flabby argument go unchallenged. I rethought my composition: instead Professor Russell would look out of the canvas and engage the viewer.

Back in the studio, I started a preliminary oil study working from the drawings and photos. Originally I had included the back of the armchair and the furniture and ornaments behind Donald, but this domestic setting did



not suit. The portrait was definitely Professor Russell, but somehow lacked presence. After sitting and staring for hours, (much of painting is about sitting, looking and despairing, as it is about physical brush on canvas), I decided to remove the furniture behind him and give the portrait a neutral 'timeless' background. This immediately imbued the sitter with the gravitas he deserved.

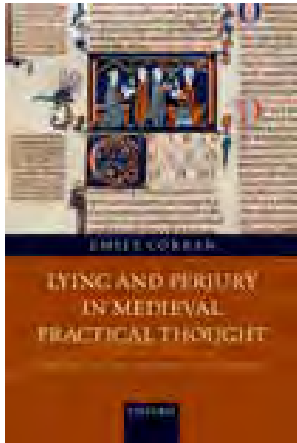
A few months later and we had arranged a second sitting where I brought the portrait to his flat and continued to work on it in situ. It is always a nervous moment showing a sitter your interpretation of what they see every day in the mirror. I need not have worried, as Donald was very complimentary. His only comment was that I perhaps 'give him a haircut'. I have to confess that his request went unheeded! Donald's generous spirit had struck me during our first meeting and after our sitting I again enjoyed a lovely light lunch with a glass of sherry, though I had to leave soon after as Donald was expecting four undergraduates who wished to be taught the intricacies of Latin verse.

Returning to the studio I busied myself with getting Donald's pose right and placing his hands as I had observed him do. Hands can say as much about a person as their face might. A little more work with reference to the annotated drawings and time to down tools. It is so incredibly tempting to fiddle and fidget with a work at this stage and one has to be strong-willed not to succumb to the siren call of your brushes (it is a beautiful sound!).

I had always intended to include some Latin or Greek text somewhere and added the inscription taking inspiration from portraits by Holbein – but not before checking the syntax and spelling with Professor Russell first! Should you visit the Ioannou Centre and view my portrait, I do hope that it will spark fond memories of times spent with Professor Russell, either at his feet or at his table.

THE READING LIST

St John's Fellows have been responsible for many publications over the last year, covering many diverse subjects. A small sample of their books is included below.

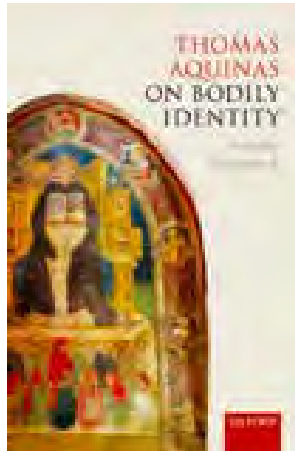


Dr Emily Corran (Junior Research Fellow in History)

Lying and Perjury in Medieval Practical Thought: A Study in the History of Casuistry (Oxford University Press, 2018)

Thought about lying and perjury became increasingly practical from the end of the 12th century in Western Europe. *Lying and Perjury in Medieval Practical Thought* argues that medieval practical ethics of this sort can usefully be described as casuistry – a term for the discipline of moral theology that became famous during the Counter-Reformation. This can be seen in the origins of the concept of equivocation, an idea that was explored in medieval literature with varying degrees of moral ambiguity. From the turn of the 13th century, the concept was adopted by canon lawyers and theologians, as a means of exploring questions about exceptional situations in ethics. It has been assumed in the past that

equivocation, and the casuistry of lying was an academic discourse invented in the 16th century in order to evade moral obligations. This study reveals that casuistry in the Middle Ages was developed in ecclesiastical thought as part of an effort to explain how to follow moral rules in ambiguous and perplexing cases.



Dr Antonia Fitzpatrick (Junior Research Fellow in History)

Thomas Aquinas on Bodily Identity (Oxford University Press, 2017)

This study fundamentally revises the generally accepted notion of Aquinas's philosophy of human nature, and restores the significance of the physical body, as opposed to the soul, for the individuality and identity of a person. It illuminates the philosophical debates central to late 13th and early 14th-century thought, and highlights their ongoing interest to modern thinkers.

Furthermore, it brings central ideas in medieval thought into contact with theologians' polemic with heresy, and the institutional histories of the medieval university and religious orders.



Professor Mark Freedland (Emeritus Research Fellow in Law)

Editor of *The Contract of Employment* (Oxford University Press, 2016)

The Contract of Employment provides the most ambitious and comprehensive treatise on the theoretical and doctrinal aspects of the English contract of employment in the common law world. This text has been produced by a team of leading experts in employment law and examines the theoretical context to the contract of employment, studying its structure and development from a wide variety of theoretical and comparative perspectives.



Dr Geogry Kantor (Tutorial Fellow in Ancient History) and Professor Hannah Skoda (Tutorial Fellow in History)

Legalism: Property and Ownership
(Oxford University Press, 2017)

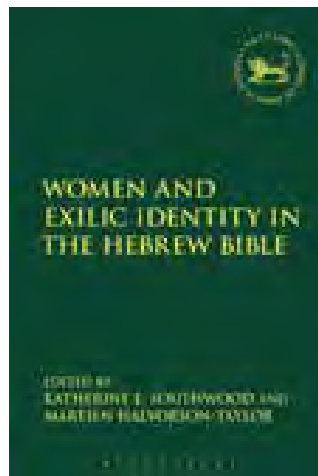
Dr Kantor and Professor Skoda edited this publication along with Dr Tom Lambert of Sidney Sussex College Cambridge. This study brings together anthropologists and historians to examine how property and ownership operate and have been understood across broad historical and geographical contexts. It offers a truly cross-cultural perspective, and makes specialist case studies visible and accessible to non-specialists.

Professor Katherine Southwood (Tutorial Fellow in Theology)

Editor of *Women and Exilic Identity in the Hebrew Bible*
(Bloomsbury, 2017)

Professor Southwood edited this collection together with Martien Halvorson-Taylor of the University of Virginia. The study of migration – both forced and voluntary, including exile and Diaspora as well – has

emerged as a sustained focus in the field of biblical studies. The inquiry grows out of two related assumptions: that the Assyrian and Babylonian exiles were significant to the development of ancient Israelite religions and expression and, further, that large portions of the Hebrew Bible were produced during and in response to the experience of exile and Diaspora.

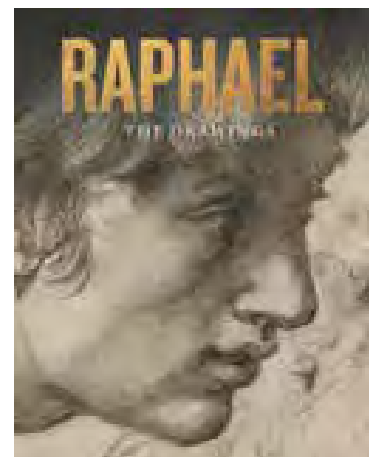


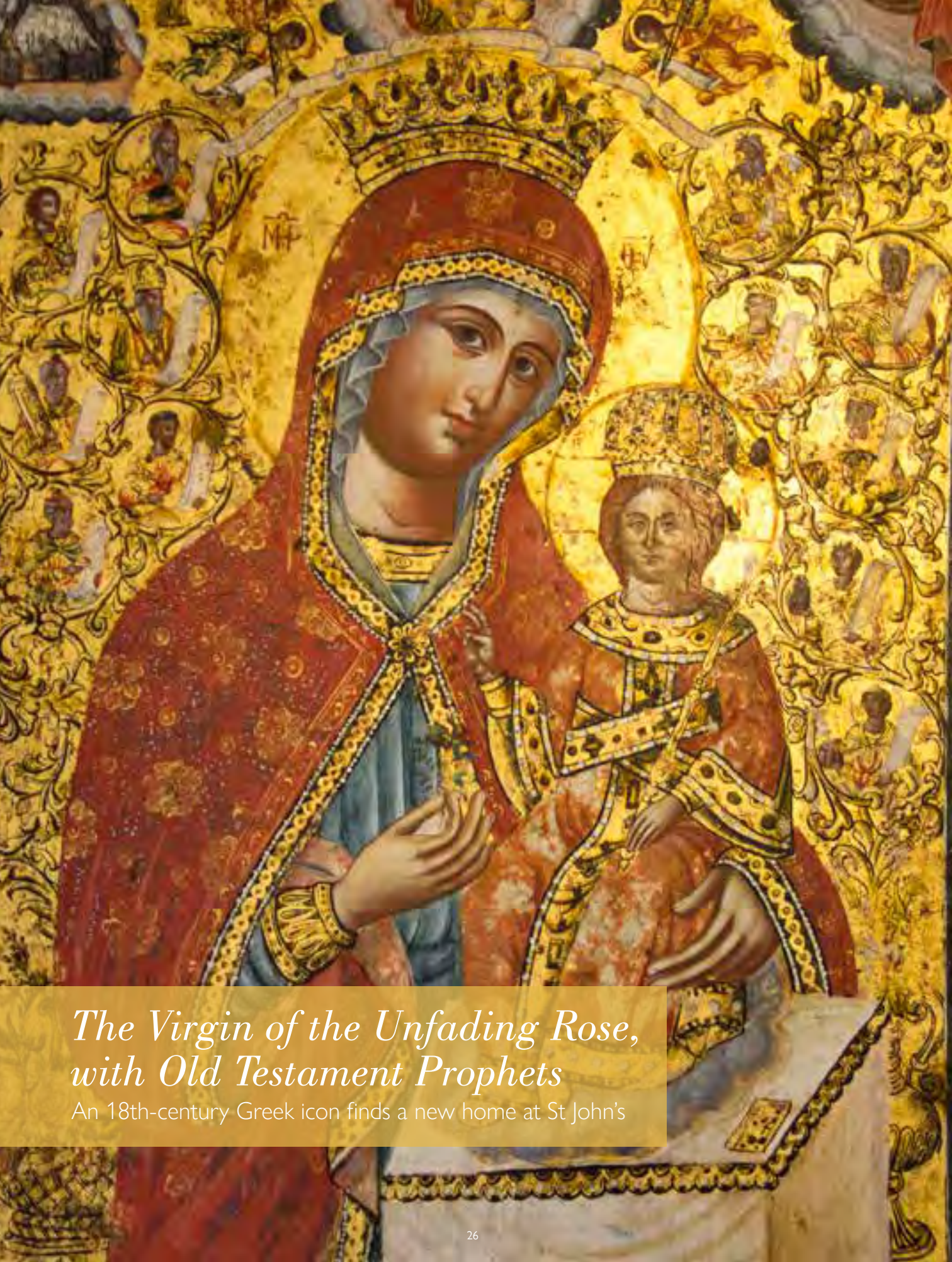
Professor Catherine Whistler (Supernumerary Fellow in Art History)

Raphael: The Drawings
(Ashmolean Museum, 2017)

The Ashmolean Museum and the Albertina collaborated on a two-part exhibition project that examined anew the role and the significance of drawing in Raphael's career. The Ashmolean holds the greatest collection of Raphael drawings in the world, and the Albertina is the custodian of a major collection including some of the most beautiful and important of the artist's sketches. Taken together, the two collections provide extraordinary resources that, amplified by

carefully-selected international loans, allowed us to transform our understanding of the art of Raphael. Oratory runs as a linking thread in Raphael's drawings, which stand out for the importance given to the study of gestures, facial expressions, and drapery. Moreover, Raphael treated the expressive figure of the orator – poet, philosopher, muse, apostle, saint or sibyl – in fascinating and significant ways throughout his life. This selection of drawings demonstrates how Raphael created a specific mode of visual invention and persuasive communication through drawing. He used drawing both as conceptual art (including brainstorming sheets) and as a practice based on attentive observation (such as drawing from the posed model). Yet Raphael's drawings also reveal how the process of drawing in itself, with its gestural rhythms and spontaneity, can be a form of thought, generating new ideas.





*The Virgin of the Unfading Rose,
with Old Testament Prophets*

An 18th-century Greek icon finds a new home at St John's

This icon shows the Mother of God and her Son wearing crowns and dressed in red, a colour traditionally associated with royalty. Christ, enthroned upon a cloud and upon an altar table with a Gospel book, wears the garments of a Byzantine emperor. Greek letters placed within a cross in his halo spell 'Ο [ῶ]ν', i.e. 'The One Who Is' (Exodus 3:14), identifying him as eternal God. Above are the Holy Spirit in the shape of a dove and God the Father, who blesses with his right hand and holds a globe in his left. The triangle inside the Father's halo refers to the Holy Trinity. Two flying angels hold the instruments of Christ's Passion: the cross, spear, and vinegar-soaked sponge on a reed. The images in the upper corners of the panel are metaphorical representations of the Virgin as a locked garden (Song of Songs 4:12) with seraphim guarding its gates, a star, a tabernacle and a red temple curtain (veil).

The apple-branch held by Mary is a symbol of Christ, as explained by the inscription on a long scroll above her crown: 'Ρόδον τὸ ἀμάραντον, χαῖρε ἡ μόνη βλαστήσασα • τὸ μῆλον τὸ εὐοσμὸν, χαῖρε ἡ τέ[ξασα]', i.e. 'Rejoice, you who alone brought forth the unfading Rose-Flower! Rejoice, you who bore the sweet-smelling Apple-Fruit!' These words come from a *kanon* (a type of religious hymn) composed in honour of the Mother of God by the 9th-century Greek monk Joseph, known as 'Joseph the Hymnographer'. The *kanon's* full text contains a number of other metaphors that match details in this icon: Mary is an 'unsettling star which leads the great Sun into the world', an 'animate book of Christ', and a 'living table which has held the bread of life'; Jesus 'the king of all' arrives 'on a swift cloud', etc.

Mary and Christ are flanked by bust-length figures of Old Testament prophets, each holding a scroll inscribed

with verses that refer to the Incarnation. On the bottom left-hand side Gedeon declares: 'Πόκον σε, ἀγνή, πρὶν κέκληκα, παρθένε', i.e. 'I called you once a fleece, pure Virgin' (cf. Judges 6:36-40). Moving upwards, he is followed by

Moses: 'Ἐγὼ βάτον κέκληκά σε, [βροτῶν σκέπη]', i.e. '[Protectress of mortals], I called you a bush' (cf. Exodus 3:2);

Ezekiel: 'Πύλην ἐγὼ σὲ τοῦ Θεοῦ κεκλεισμένην', i.e. 'I [called] you God's locked door' (cf. Ezekiel 44:2);

Aaron: 'Ἐγὼ δὲ ἀνθήσασα[ν] τὸν κτίστην ἄνθος ῥάβδον προκατήγγει[λα ὑμῶν, παρθένε]', i.e. 'With praises I proclaimed you a rod from which the Creator blossomed as a flower, [O Virgin]' (cf. Numbers 17:8);

Zechariah: 'Ἐγὼ λυχνίαν ἐπτάφωτόν σε εἶδον', i.e. 'I saw you as a seven-fold lamp' (cf. Zechariah 4:2);

Isaiah: 'Ἐγὼ δὲ πρῶην λαβίδ' ἄνθρακοφόρον', i.e. 'And I once [called you] coal-holding tongs' (cf. Isaiah 6:6).

The right-hand group is headed by Jacob, holding a ladder (Genesis 28:12). The inscription on his scroll is now illegible. Moving downwards, he is followed by

Jeremiah: 'Ὀδὸν σε εἶδον Ἰσραήλ, κόρη, νέαν', i.e. 'I saw you, Maiden, as a new road for Israel' (cf. Jeremiah 31:21-22);

Solomon: 'Ἐγὼ σὲ κλίνην τοῦ βασιλέως, κόρη', i.e. 'I [called] you a couch for the king, O Maiden' (cf. Song of Songs 1:12);

David: 'Ἐγὼ κιβωτὸν ἡγιασμένην, κόρη', i.e. 'I [called you] a hallowed ark, O Maiden' (cf. Psalm 132:8);

Habbakuk: 'Προβλεπτικὸν χάρισμα πνεύματι φέρων', i.e. 'Given prophetic seeing by the Spirit, [I saw you as a shady, wooded mountain]' (cf. Habakkuk 3:3);

Daniel: 'Ὅρος νοητόν, οὐπὲρ ἐτμήθη λίθος, πλάνην τρέπων [κέκλημαί σε, βροτῶν σκέπη]', i.e. 'Speaking against idolatry, [I called you, Protectress of mortals], an ideal mountain from which a stone was cut' (cf. Daniel 2:34-35).

Unfading icons

Professor Cyril Mango FBA, Bywater and Sotheby Professor Emeritus, and a world authority on Byzantine art and culture has generously given College this beautiful icon of *The Virgin of the Unfading Rose*.

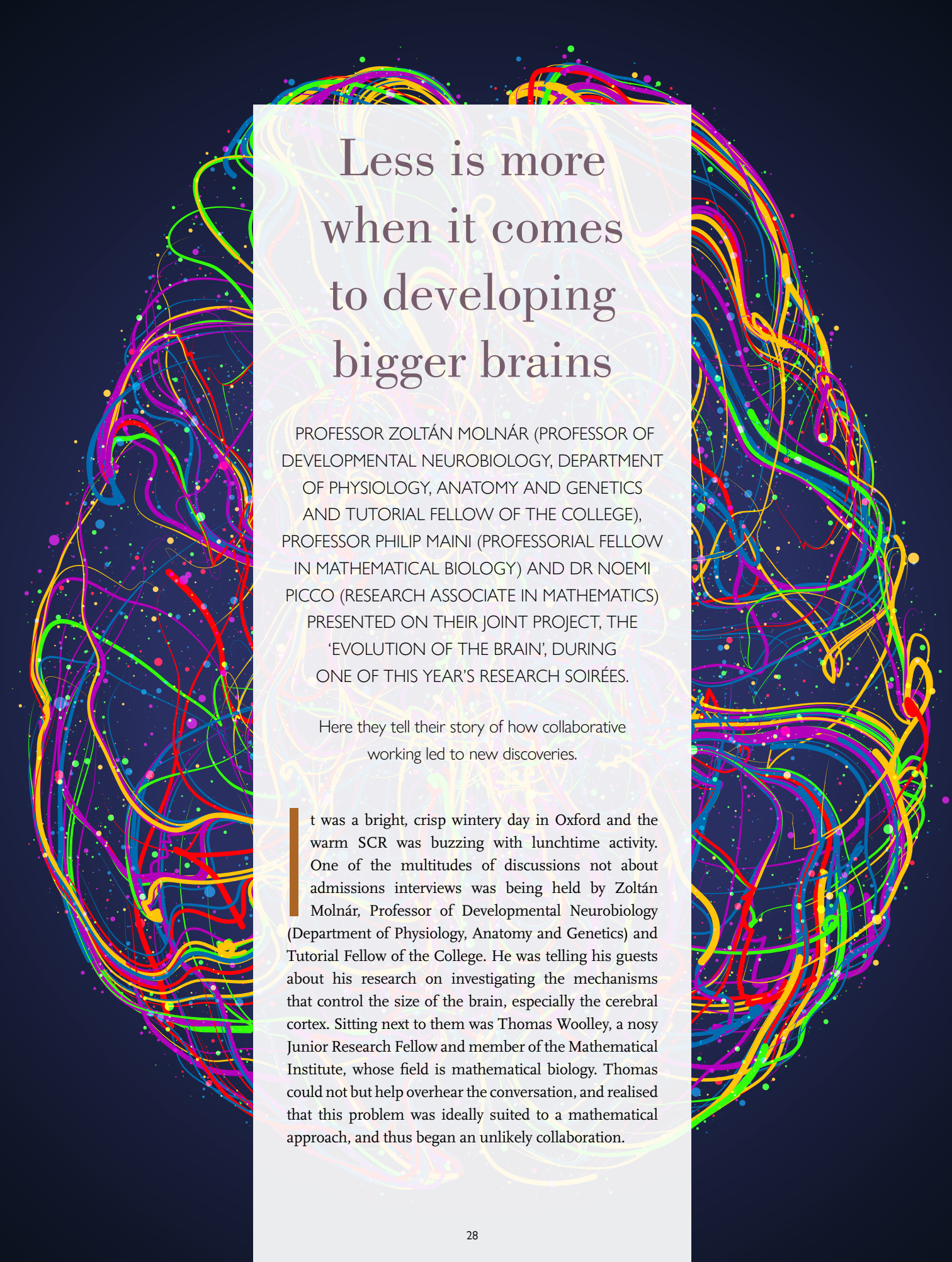
The icon has been newly restored and framed by Oxford-based conservator, Ruth Bubb, and was welcomed to its new home in the chapel on 31 May 2018 with a small religious ceremony conducted by an Orthodox priest, Archpriest Stephen Platt of St Nicholas Church, at the invitation of the Chaplain.

The icon is an anonymous 18th-century Greek work and a remarkable example of Greek religious art from

the Ottoman period. It belonged to Professor Mango's grandmother, 'a country beauty from West Greece', who moved to Istanbul upon her marriage (d.1934).

Professor Mango writes: 'It is not recorded how and when [my grandmother] acquired the icon, whose iconography would have been beyond her understanding, but she had a great devotion to it and regarded it as being miraculous. I do not expect the icon to work any miracles, while hoping that it will fit into the collection of religious paintings in St John's.'

St John's is honoured to be providing the icon with its new home.



Less is more when it comes to developing bigger brains

PROFESSOR ZOLTÁN MOLNÁR (PROFESSOR OF DEVELOPMENTAL NEUROBIOLOGY, DEPARTMENT OF PHYSIOLOGY, ANATOMY AND GENETICS AND TUTORIAL FELLOW OF THE COLLEGE), PROFESSOR PHILIP MAINI (PROFESSORIAL FELLOW IN MATHEMATICAL BIOLOGY) AND DR NOEMI PICCO (RESEARCH ASSOCIATE IN MATHEMATICS) PRESENTED ON THEIR JOINT PROJECT, THE 'EVOLUTION OF THE BRAIN', DURING ONE OF THIS YEAR'S RESEARCH SOIRÉES.

Here they tell their story of how collaborative working led to new discoveries.

It was a bright, crisp wintery day in Oxford and the warm SCR was buzzing with lunchtime activity. One of the multitudes of discussions not about admissions interviews was being held by Zoltán Molnár, Professor of Developmental Neurobiology (Department of Physiology, Anatomy and Genetics) and Tutorial Fellow of the College. He was telling his guests about his research on investigating the mechanisms that control the size of the brain, especially the cerebral cortex. Sitting next to them was Thomas Woolley, a nosy Junior Research Fellow and member of the Mathematical Institute, whose field is mathematical biology. Thomas could not but help overhear the conversation, and realised that this problem was ideally suited to a mathematical approach, and thus began an unlikely collaboration.

Being a theoretician, Thomas had a lot to learn. For example, the cerebral cortex is the folded grey matter that forms the outside of the brain and is perhaps the crowning achievement of evolution. It provides the biological basis for human cognitive capacity and is, arguably, the region of the brain that distinguishes us from other species.

This is the seat of our functions of language, episodic memory and voluntary movement. Critically, the precise composition and positioning of cortical neurons are key to the emergence of these cognitive functions. Variations of this developmental programme lead to microcephaly, autism, schizophrenia and epilepsy.

Zoltán and Thomas met several times over lunch with Fernando García-Moreno who, at the time, was a Junior Group Leader at DPAG supported by the Human Frontier

Science Program (HFSP), and Philip Maini, Professor of Mathematical Biology (Mathematical Institute) and Professorial Fellow of the College. The group decided that progress in this field required the collection of

This is where the St John's Research Centre, with its Thematic Grants Programme, saved the day

published data from many sources being used in conjunction with a preliminary mathematical modelling study to determine where the gaps in data lay. Understanding what was known, and what was left to discover, would then aid in the design of a research programme that would systematically fill in the gaps.

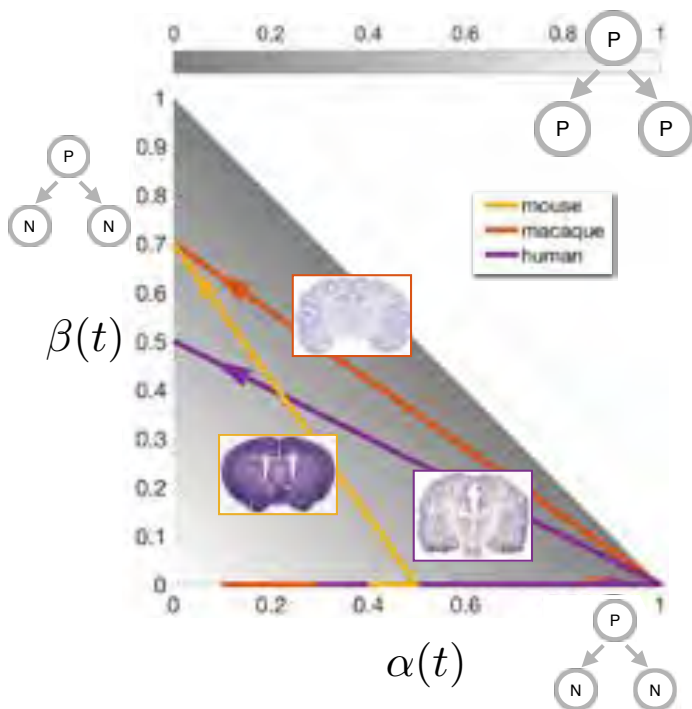
This is where they hit a problem – how to fund such a programme? It required two years of work (at least), and there was no way that a research council would fund such speculative research, while pump-priming funding is typically used for shorter periods of research. This is



Left to right: Dr Noemi Picco, Prof. Philip Maini, Prof. Zoltán Molnár at their research soireé presentation.

where the St John's Research Centre, with its Thematic Grants Programme, saved the day. A proposal was written, rigorously peer reviewed and, thankfully, funded. The interviews attracted large numbers of excellent researchers, but it was Noemi Picco, who was finishing her DPhil on the mathematical modelling of cancer dynamics, that shone through.

Although written collectively in Oxford, careers soon began to pull team members to different locations. Philip spent two months at the Mathematical Biosciences Institute (MBI) in Columbus, Ohio. Thomas, who also spent three months at the MBI, moved to the University of Cardiff to take up a permanent lectureship. Finally, Fernando moved to take up a position as tenure-track Research Fellow at the Achucarro Basque Center for Neuroscience in Spain.



The cerebral cortex corresponds to the outer visible rim of a coronal brain section, it is smooth in the mouse brain and convoluted in macaque and human. Species-specific developmental programmes can be mapped on a strategy space, whose axes represent propensities of undergoing one of the three different types of cell division indicated. P = progenitor cell, N = neuron. Brain images from www.brains.rad.msu.edu

With all this movement the project could have been in peril. Thankfully, Noemi was great at liaising with all group members, taking their advice, as well as pushing forward with her own expertise. Furthermore, she spent some of the time closely interacting with the experimentalists of Zoltán's laboratory, providing her with a better understanding of the data, its limitations and the questions that were of real interest to the neurobiologists.

The team developed a mathematical model (a coupled system of ordinary differential equations) that described how initialising cells, otherwise known as progenitor cells, start to grow and begin to differentiate into more specialised cells at various points in time. In particular, the equations looked at the ability of progenitor cells to divide either into more progenitor cells or into neurons. Since many mammals use roughly the same types of raw materials to form the cortex, the model could be linked to data and used to understand brain development strategies across multiple species, namely mice, monkeys and humans. Specifically, the model could be used to predict the size of the original population of progenitor cells before the brains started to develop.

One of the real challenges in multidisciplinary research is communication – particularly so in fields as disparate as mathematics and biology. To aid the transfer of ideas, Noemi developed an app (website) that visually demonstrated different cell interaction hypotheses to Fernando. In this way, Noemi and Fernando could very quickly converge on what were the key processes to include in the mathematical model, based on the resulting predictions. To encourage multi-disciplinary interactions, the team also initiated the BRAIN (Brain Research and Inquiry Network) lunch, inviting colleagues from all disciplines within College, as well as key Oxford experts from other colleges.

Unexpectedly, the team's mathematical research was able to provide a surprising and counter-intuitive result. The results showed that the human brain might develop from fewer raw materials compared to both mice and monkeys. This is surprising given that a human brain is much more complex than that of a mouse. Indeed, the cerebral cortex in the human brain contains approximately 16 billion neurons, while that of a mouse a mere 14 million neurons. Similarly, the brain of a mouse weighs around 400mg whereas a human brain weighs roughly 1,350,000 mg. One possible way to explain this result is that, since

the human brain has been formed and sculpted through more than 500 million years of evolution, it has been able to develop more strategic ways of creating complex structures with fewer cells. The results were published recently in the prestigious journal, *Cerebral Cortex*, <https://academic.oup.com/cercor/advance-article/doi/10.1093/cercor/bhy068/4980871>, attracting widespread media coverage.

The team now aims to use their mathematical models to shed more light on how these strategies may have advanced through evolution and, potentially more importantly, understand diseases where it may well be that different brain strategies are realised, such as schizophrenia, epilepsy and Zika-virus induced microcephaly. They have already used the model to do a sensitivity analysis determining the key mechanisms to study, thus reducing the cost of experimentation. Furthermore, they

have identified where the gaps in our biological knowledge lie, and have convinced eight leading neurobiologists from eight different institutions (in Austria, Scotland and the USA) to agree to share their unpublished data and experimental techniques. This multi-disciplinary, multi-national team has just submitted a major research grant to the Biotechnology and Biological Sciences Research Council to carry out this work.

St John's College contains some of the finest theoretical and experimental minds in the world. However, we all

St John's College contains some of the finest theoretical and experimental minds in the world

have our limitations. Thus, the next time you're stuck on a problem, go have lunch with someone from outside of your field. You'll be surprised at what they know, how they can help you and what insights you can

offer them. Although a lunch break may slow you down in the short term, a good collaboration can dramatically speed you up in the long term.



Left to right: Dr Fernando García-Moreno, Prof. Zoltán Molnár, and Dr Thomas Woolley brainstorming to integrate the biology and the mathematics of the brain.

Artist in Residence 2018

Each year St John's plays host to an artist in residence. They are given studio space in the Kendrew Barn, and the opportunity to engage with College and the student body, as well as carry out their own work. Below we hear about the activities of our latest incumbent, Dr Azadeh Fatehrad.



Dr Azadeh Fatehrad

Dr Azadeh Fatehrad

I am an artist and curator based at the Visual and Material Culture Research Centre, Kingston University London, working primarily with still and moving images in the context of historical representation. My research, artistic and curatorial practice are intertwined around a process of gathering information and generating new imagery in response to archival material I discover. My practice ranges from still and moving images to fictional stories, short films and artist books. I have made extensive use of archival materials, including those held at the Weltkulturen Museum, Frankfurt am Main; the International Institute of Social History (IISH), Amsterdam; and the Institute for Iranian Contemporary Historical Studies (IICHHS), Tehran. I have curated diverse public programmes including exhibitions, screenings and workshops as part of my ongoing research, such as Sohrab Shahid Saless: Exiles at Close-Up Film Centre, Goethe-Institut and the Institute of Contemporary Arts, London (2017–18); Feminist Historiography at IASPIS, Stockholm (2016) and Witness 1979 at The Showroom, London (2015), among others. I have presented academic papers at a variety of conferences including Gesture, Trace and Performance, 5th Colloquium for Artistic Research, University of the Arts Helsinki;

The Echo of Your Departures

The Captured Everyday Life: Akerman and the Politics of Representation, Westminster School of Media, London; and The Communal Social and Inter-Political Stage of Curatorial Practice, Sharjah Art Foundation, UAE among others. I am currently co-founder of Herstoriotographies: The Feminist Media Archive Research Network in London. My work has been exhibited internationally in London, Vancouver, Amsterdam and Tehran.

Whilst at St John's I produced 'The Echo of Your Departures', a multimedia installation comprising a five-channel sound and two-channel video piece reflecting on my research project Double Agency: The Formation of Diasporas.

The installation was inspired by a series of in-depth anthropological interviews in the context of women in diasporas, and covers questions regarding gender, identity, femininity, emotion, desire, fantasy, body language, clothing norms and moral values, among other things. I took fragments of the interview transcriptions and combined them with imaginary elements of self-reflection, to create an ephemeral constellation (of sound and video) through which I sought to represent the notions of uncertainty and in-betweenness in the diasporic experience.



FELLOWS' ACHIEVEMENTS

It has been a busy and productive year for the College community. Here you will find a selection of our Fellows' achievements from the last year.

Professor Maggie Snowling, President, has been awarded Honorary Membership of the Professional Association for Teachers of Students with Specific Learning Difficulties (PATOSS).

Dr Hannah Alfonso, Junior Research Fellow in Pharmacology, has been awarded a Sir Henry Wellcome Postdoctoral Fellowship that began in November 2017 and runs until October 2021.



Dr Maria Bruna, Junior Research Fellow in Mathematics, has been awarded a University Research Fellowship by the Royal Society for her research on 'Continuum models and gradient flows of interacting particle systems'.

Professor Richard Compton, Fellow in Chemistry, won the Royal Society of Chemistry's Robert Boyle Prize for Analytical Science.

Sir Andrew Dilnot, Honorary Fellow has been elected as a Fellow of the British Academy.

Supernumerary Fellow in Developmental Neuropsychology Professor Dorothy Bishop and Professor Maggie Snowling's film, DLD 1-2-3, that was made as part of the campaign to raise awareness of Developmental Language Disorder, won in its category at the recent Charity Film Awards.



Dr Georgi Gardiner, Junior Research Fellow in Philosophy, won the Rutgers University School of Graduate Studies Distinguished Scholarly Achievement Award.

Professor Nicholas Harberd, Sibthorpe Professor of Plant Sciences, led a team of researchers in the discovery of a cellular mechanism that protects plant genes from the damaging effects of mutation. DNA sequence mutation is the process that fuels species evolution, but mutations in genes are often harmful. As a form of defence, organisms have evolved repair mechanisms to correct the DNA sequence following mutation. One of these mechanisms is termed

DNA mismatch repair (MMR). It corrects mutations that arise during the replication of the genome during cell division. The study, published in *Genome Research*, showed for the first time that MMR is targeted to particular regions of the genome, and preferentially repairs genes rather than other, non-genic regions. This finding significantly enhances our understanding of how organisms use MMR to reduce spontaneous mutation rates.

Dr Ian Klinke, Tutorial Fellow in Human Geography, published *Cryptic Concrete*, a book about Cold War geopolitics in 1950s and 1960s West Germany. It grapples with the architecture, both material and ideological, which was designed to protect and take life in nuclear war. The book makes the case that West German military strategists, engineers, civil defence planners and politicians were animated by a vision of living space that was no longer territorial but rather subterranean in nature. Analysing a broad range of sources through the lens of critical social theory, Ian Klinke journeys into West Germany's now abandoned bunkered military landscape to argue for a crucial reassessment of the history of geo- and biopolitics.

Professor Dominic Kwiatkowski, Professorial Fellow in Genomics and Global Health, has been elected a Fellow of the Royal Society.



Professor Carolyne Larrington, Tutorial Fellow in English Literature, has been awarded an AHRC grant as Co-Investigator on a project entitled 'Modern Fairies and Loathly Ladies'. This builds on her research into traditional folk tales of Britain, with Principal Investigator Fay Hield of the University of Sheffield. They are presenting a range of traditional stories to a group of twelve artists, poets and musicians with the aim to elicit new, relevant and creative responses to this material, to be presented to audiences at a series of workshops/gatherings at major theatres. They will discover how audiences respond to different stories, approaches and media, and will devise some templates for local communities thinking of commissioning folk-heritage based community events in their localities. Their project addresses contemporary themes such as migration and deracination, sexual violence, addiction, and life-changing loss through time-honoured, but excitingly reworked, narratives.

Professor Larrington has also been awarded the Order of the Falcon by the President of Iceland, Guðni Th. Jóhannesson. The Order of the Falcon honours both Icelanders and citizens

of other countries for achievements in Iceland or internationally. Sworn in at the investiture at the President's residence at Bessastaðir together with seven other distinguished scholars, Professor Larrington's award is for services to Icelandic literature.

Professor Philip Maini, Professorial Fellow in Mathematical Biology, has been elected a Foreign Fellow of the Indian National Science Academy for his mathematical and computational modelling of biological processes relevant to wound healing and vascular tumour growth, scar formation and cancer therapy.

Professor Walter Mattli, Fellow in Politics, completed two books: *Global Algorithmic Capital Markets: High Frequency Trading, Dark Pools, and Regulatory Changes*, an expert-led and interdisciplinary discussion of a global phenomenon examining overlooked market governance issues to inform public policy debate and includes contributions from academics, industry experts and public regulatory agencies; and *Darkness by Design: The Hidden Power In Global Capital Markets* (Princeton University Press, March 2019).

Professor Zoltán Molnár, Tutorial Fellow in Human Anatomy, was elected Fellow of the Anatomical Society. He received the University Outreach Award as part of the team responsible for the Brain Diary exhibition at the Natural History Museum. He was also the main organiser of three international scientific meetings: the Anatomical Society Summer Meeting, Oxford; FENS-Brain Prize Brain Conference on 'Cortical Evolution



and Development' Copenhagen, Denmark; Cortical Development (Stem Cells, Neurogenesis, Neuronal Differentiation, Migration, Neural circuit formation) with A.R. Kriegstein, G. Fishell, J. Parnavelas (Chania, Greece). In 2017–18 Professor Molnár was co-author of twenty peer-reviewed scientific papers.

Dr Mary-Ann Noonan, Supernumerary Teaching Fellow in Psychology, was recently awarded a SpringBoard Award from the Academy of Medical Sciences. Her lab investigates how individuals learn and make decisions. This is not an easy problem, particularly when there are many valuable options to choose between. Her work asks how the brain accomplishes this, co-ordinating different cognitive functions to achieve adaptive goal-directed behaviour. The new grant will allow her to investigate how these cognitive functions develop across adolescence and how the brain adapts during this critical period of life.

Professor Jan Obloj, Tutorial Fellow in Mathematics, has had a particularly productive penultimate year of his ERC grant, with seven of his papers published or accepted for publication. He is particularly proud of publishing

simultaneously in top journals in probability and in mathematical finance, such as *Finance and Stochastics and Probability Theory and Related Fields*. His current research lies at the forefront of the field of robust modelling in financial mathematics. This increasingly important field of study gained momentum in the wake of the 2008 financial crisis and aims to provide tools for designing robust actions and quantifying the model risk. The questions lead him to research novel and exciting questions in mathematics, most recently linked to optimal transportation with an additional martingale constraint.

Dr Zeynep Pamuk, Supernumerary Teaching Fellow in Politics, has been awarded the Brian Barry Prize in Political Science by the British Academy for her essay 'Justifying Public Funding for Science'. The prize-winning essay is forthcoming in the *British Journal of Political Science*.

Professor Jaideep Pandit, Supernumerary Fellow in Physiological Sciences, has been elected to the international Difficult Airway Society Professorship of Anaesthesia & Airway Management. He has served as USP Visiting Professor at the University of Michigan and as the Ann Arbor and Besokande Professor at the Karolinska Institute in Stockholm. He has also been invited to give the Medallist Lecture at the Hôpital Militaire de Bégin, Paris. Professor Pandit has also served as Clinical Advisor to the Home Office to advise on drugs strategy in respect of nitrous oxide abuse.

Professor Angela Russell, Bernard Taylor Fellow in Chemistry, has

been awarded the title of Professor of Medicinal Chemistry in the University's 2018 Recognition of Distinction.

Dr David Seifert, Fellow in Mathematics, received a Departmental Teaching Award based on feedback from students for excellence in teaching as both a lecturer and class tutor.

Professor Hannah Skoda, Fellow in Medieval History, has been awarded a Sir Henry Wellcome Postdoctoral Fellowship.



Dr Stephan Uphoff, Junior Research Fellow in Biochemistry was awarded a Sir Henry Dale Fellowship by the Wellcome Trust and a Wellcome-Beit Prize.

Professor Catherine Whistler, Keeper of Western Art at the Ashmolean Museum and Supernumerary Fellow, has been awarded the British Academy Medal for *Venice and Drawing, 1500–1800: Theory, Practice and Collection* (Yale University Press, 2016). The Medal is given for a landmark academic achievement in any of the humanities and social science disciplines supported by the Academy.

Professor William Whyte, Tutorial Fellow in History, was appointed to the UPP Foundation Civic University Commission which seeks to address how universities can combine global achievement and ambition with serving their local communities. In addition to being Acting President during Michaelmas and Hilary Terms, he has also become Chairman of the Oxford Preservation Trust and continues to serve as Chairman of the Oxford Historical Society.



Dr Rohan Wijesurendra, Stipendiary Lecturer in Clinical Medicine, won the prestigious American Heart Association (AHA) Melvin Judkins Young Investigator Award in Cardiovascular Radiology at the AHA Scientific Sessions in Anaheim, California. This award is named for the pioneer of coronary angiography and recognises meritorious research from early career investigators. This was based on work entitled: 'Reduced Absolute Myocardial Perfusion Relates to Left Ventricular Dysfunction in Lone Atrial Fibrillation Before and After Successful Catheter Ablation', which was undertaken as part of Rohan's DPhil in Cardiovascular Medicine.

The complexities of cities

CITIES ARE IMMENSELY COMPLEX PLACES, WHERE MANY DIFFERENT KINDS OF THINGS BRUSH UP AGAINST EACH OTHER: PEOPLE AND BUILDINGS, ANIMALS AND WATER, POWER LINES AND TREES, SEWERS AND FLOODS, TEMPLES AND BICYCLES.

Professor **Gillian Rose FBA**, Professorial Fellow in Geography, explains her most recent project on smart cities.

To understand how a city works, then, you have to be willing to abandon the boundaries of academic disciplines and be as eclectic as your object of study. You have to consider the population dynamics of a city, its flows of immigration and emigration, its health and its diseases. Its modes of governance and economy require social scientists to unpick institutions and organisations. Its built environments require analysis by scientists and engineers. Its cultures and subcultures – creative, hybrid and constantly changing – invite anthropologists to unpick their meanings and effects and humanities scholars to explore their performances.

More and more often, however, it's being argued that the most useful way of understanding cities is to do what computer scientists can do, and convert them into digital data. If all the aspects of a city could be quantified, and all that data gathered and analysed, so this argument goes, then surely we would understand city dynamics as never before. This is the logic underlying the most recent trend in city development globally: the 'smart city'.

In a smart city, data of many kinds is harvested, analysed and put to work to make cities run more efficiently, more sustainably, more securely and, perhaps, more democratically – or at least that’s the hype. Data can be generated in all sorts of ways, about many aspects of urban life. Sensors embedded in the urban environment can generate real-time data about levels of air pollution, or noise, or traffic flow, or water level, for example. Sensors that pick up signals from mobile phones can track crowds. Sensors on rubbish bins can send out alerts when they need to be emptied, and car parking spaces can warn you when they’re full. You can use an app to flag a pothole that needs fixing to the local authority, and perhaps you could vote on your smartphone too. Analysing thousands of social media feeds can tell you how happy your citizens are feeling. Analysing the use of millions of public transport swipe cards or supermarket loyalty cards can reveal patterns that allow trains to run more efficiently and supermarkets to stock (and suggest) what customers will buy. Other kinds of sensors allow cars to be driverless.

The phrase ‘smart city’ emerged in the mid 1990s and there are now many different kinds of smart city technologies:

hardware of different kinds that gathers and processes data, software of different kinds that analyses it, and yet more software that visualises it on screens of many kinds. Combinations of these technologies operate under various modes of organisation, ownership and accountability. Many sorts of people and skills are involved in the design, production and maintenance of such systems, including the elusive figure of the ‘smart citizen’. Discourses about ‘smart’ have multiplied and widened, with popular writers like Adam Greenfield writing books and articles *Against the Smart City* (2013) and citizen-generated smart projects gaining traction. A smart city is now constituted by a great many things connected in various ways to the production and use of digital data in cities, and should be understood as a particularly capacious descriptive term.

At this point it seems to be clear, from a large number of demonstrator projects, that digital data can indeed improve urban environments in many ways:

enabling better management of traffic flow, say, or swifter responses to flooding, or tighter integration of energy supply and demand. And in many cities, ‘smart’ is now part of their public identity. For city leaders in Barcelona, Manchester, Amsterdam and many more, their ranking in league tables of smart cities is part of their reputational aura and a vital part of their efforts to compete as a global city.

However, there are also reasons to be cautious. Much of the impetus behind this idea of the smart, data-driven city is coming, perhaps not surprisingly, from large corporations who want to sell hardware and software to city authorities. IBM trademarked the phrase ‘Smarter Cities’ in 2011 as part of its efforts to sell its data management software to cities. Siemens, Cisco, Philips and many others are now attempting the same thing, as well as innumerable smaller companies and start-ups. They promise both efficiency and super-modernity to their customers, and many cities have been tempted. But what else might smart city infrastructure

bring in its wake? Should we be concerned about the potential for surveillance in a sensor-ridden city? What about those people who are not web-savvy or those who don’t use smartphones?

For the past two years, I’ve been leading a research project looking at a wide range of smart city activity in the UK city of Milton Keynes. Milton Keynes was the last of the UK’s post-war new towns. Incorporated in 1967, it is a visionary piece of urban design which from its very beginning incorporated many innovations: a gridded road system allowed fast journeys between carefully planned neighbourhoods (and yes, I know that means that there are a lot of roundabouts). Public art was placed everywhere. The covered high street (which soon became a more conventional shopping mall) would host community events. There were experiments in solar-powered housing. There was a dial-up bus service and cable television.

And MK continues to innovate. It’s one of the UK’s leading cities for testing out a range of smart city technologies. The ‘test bed MK’ strategy contributed to the economic development of the city, creating an environment where bids for sustainable innovation

data of many kinds is harvested, analysed and put to work to make cities run more efficiently, more sustainably, more securely

projects attract considerable investment. Recent examples include an £8 million grant for the deployment of charging infrastructure for electric vehicles, a £13 million OFGEM-supported smart grids trial and £150 million for the operation of a transport innovation centre, the Transport Systems Catapult. The Higher Education Funding Council for England funded the MK:Smart project in 2014–17 with partners from local government, academia, utility companies and ICT providers); it ran a number of work packages – water, energy, data, transport – and also education, enterprise, citizens.

My research project – called ‘Smart Cities in the Making: Learning from Milton Keynes’ and funded by the UK’s Economic and Social Research Council – is looking at a range of them. I am not, though, a computer scientist, and nor is anyone on my research team. Instead, we are social scientists: geographers, sociologists and planners. And, as a consequence, we are not approaching the smart city in terms of its digital data or the technologies that gather in it. Instead, we are approaching it from that complex ‘thrown-togetherness’ that makes an urban place distinctive. We were particularly interested in the social complexity of MK. MK has a young population; it has an ethnically diverse population; it has some pockets of very high deprivation as well as some relatively very wealthy neighbours. It also faces some of the infrastructural problems that smart technologies promise to fix. Traffic is increasing and the famous roundabouts are less and less able to cope. And if demand continues to grow at current rates, the city will exhaust its drinking water supply by 2020.

Milton Keynes is a complex and distinctive city, then, with particular challenges and opportunities. So our primary research question was: how are smart city technologies and policies encountering social differences in the city? Social scientists are particularly interested in what differentiates people from each other, as well as what holds groups, communities and organisations together. But do smart technological innovations address some groups and not others? Are some communities unable to access the benefits of smart technologies? Is smart activity beginning to reshape the social landscape of the city?

The answers are only just emerging, and our various case studies – including driverless cars, an open data hub and a range of citizen-generated apps – are all producing rather different answers.

Certainly many of the projects in MK that are hoping to improve its energy, water and transport infrastructures are promising. Efficiencies are being delivered. And many other projects have gained engagement from local communities and individual campaigners, as well as aspirational business start-ups – albeit with a lot of effort at making digital technologies more accessible and visible.

One thing is clear, however: very few of the wide range of creative, innovative, concerned stakeholders involved in turning MK into a smart city that we spoke to had much interest in the sorts of issues that we as

social scientists were bringing to the table: differentiation, inequalities, exclusions, lack of access. Perhaps that absence speaks to their realism. After all, technologies are not to blame for those kinds of social

differences, and technologies cannot solve them. Better, then, not to mention them at all.

On the other hand, if all this experimentation with digital technologies is to bear fruit in spheres other than the infrastructural, surely we need a conversation about what sorts of participation and engagement in digitally mediated urban life we want to create. A public conversation, including a wide range of different people and organisations, is increasingly necessary, in the face of rapid change both technological and also social. These digital technologies, the big data that they generate, and the uses to which that data is put are here to stay. Their design and their effects, though – they are open to change.

www.scim-mk.org/www.urbantransformations.ox.ac.uk

we are approaching it from that complex ‘thrown-togetherness’ that makes an urban place distinctive

From the Junior and Middle Common Rooms

JCR Report

Christine Jiang (History and Politics, 2016), JCR President



St John's JCR is not the kind of JCR that one would find in the headline of a national newspaper, or even on the front page of *Cherwell*. We haven't had any spending scandals, any bops that got out of hand, any controversial standing policy motions. It is surprising then, that even without fires to put out, the 40-odd JCR officers and representatives are always busy. There is never a shortage of student initiatives: plays, magazines, workshops, even apps, to fund. Hardly a day goes by without a welfare or equalities-related tea and no conversation is too difficult for a lively Sunday evening JCR debate. Below is a selection of this year's highlights from the JCR.

We began the year by settling into the newly-refurbished JCR, a project several years in the making. The JCR is now complete with printing devices, refreshment facilities, and comfortable sofas. The next phase of our project (headed by the JCR Treasurer) is to renovate the Games Room, which is tucked away beneath the JCR.

Hilary Term was marked by two flagship JCR events: Arts Week and

Equalities Week. At the beginning of term, we organised the most popular St John's Arts Week to date, which featured a jazz club, a multilingual poetry reading, and a bespoke Music & Mojitos Night. What was especially encouraging to see was that St John's students were represented in many, if not all, of the ensembles that performed in Arts Week, attesting to the College's active involvement in the university performance arts scene.

Equalities Week was likewise a success. There was an International Potluck, where students showcased not only their native cuisine, but also their culinary skills. In conjunction with LGBTQ+ History Month initiatives, the JCR lobbied for the Pride flag to be flown for two weeks from the College flagpole, and welcomed Angela Eagle MP (PPE, 1980), an Honorary Fellow of St John's, to speak to students about her experience as an LGBTQ+ politician.

A number of ongoing initiatives are also making St John's JCR a more diverse and inclusive place. The JCR voted to create a Class Liberation position, which complements the work of the university-wide Class Act. We have continued to hold termly international formal halls – we've had Mexican and Caribbean nights so far this year! We also organised our second annual Ramadan Iftar in conjunction with the University Islamic Society, which was well attended by JCR, MCR and SCR members alike.

Trinity Term is traditionally seen as the 'exam term', but the JCR remained busy as ever. With help from the Alumni Office, we organised an informal discussion with Alistair Burt MP (Jurisprudence, 1974) Minister of State for the Middle East and North Africa. The event was very

well received, and we're now looking to introduce a permanent Alumni Speakers Programme. Do get in touch with the Alumni and Development Office (alumni@sjc.ox.ac.uk) if you feel you have any expertise or career advice to offer!

For the JCR executive, Trinity also marked the annual Rents & Charges negotiations. This year we found that whilst student finance support remained mostly stagnant, the scope of student activities and needs has expanded considerably. With the Principal Bursar and Finance Bursar, we worked out a comprehensive proposal that made off-ballot room allocations more equitable, created a £2000 performance arts fund, increased the overall JCR capitation, and allocated an annual fund for the production of St John's branded reusable cups to coincide with the opening of the new Library and Study Centre.

Finally, the JCR has been proactive in expanding access and engaging in outreach work. A team of access representatives visited over 20 schools and reached hundreds of students in our target regions of Sussex and Harrow and Ealing. The work of student ambassadors is invaluable in ensuring that St John's is seen as accessible and welcoming to candidates with high potential.

It would be impossible for me to outline all of the JCR's initiatives. St John's students are constantly looking to improve student life, perfect their facilities, engage with university societies and campaign for positive changes in wider society.

To keep up to date with all the good work that the JCR does, find us on Instagram @stjohnsoxjcr and on Twitter @SJC_JCR.

Diversity at St John's

JCR President Christine Jiang took part in a historic photographic recreation.

If a picture is worth a thousand words, then what can these two pictures tell?

In 1988, a photograph was taken. A photograph which embodied a world of inherited privilege, the excesses of elitism, and the exclusive structure of social and political power. An image that does not accurately reflect our view of contemporary British society.

In 2018, we took a different photograph. A photograph which represents the victories borne out of an ongoing struggle, the opening of doors once firmly closed, and the growing commitment to diversity in the halls of power. It is an image that, we hope, signifies how far this institution has come in the intervening years, and anticipates the future progress yet to be made.

BAME individuals comprise 41% of the 2018/19 cohort of JCR Presidents, despite only making up 17.9% of the UK-domiciled student population. We stand as testament to the individual and institutional recognition that



diversity is not just inevitable, but also powerful and beneficial. It is evident from student-led access initiatives such as the Afro-Caribbean Tyler Prize and the African and Caribbean Society's Annual Access Conference that there is a real, popular desire to effect structural changes in Oxford, and the results of the latest round of JCR elections – in which 9 BAME presidents were elected – only serve to embolden our endeavour.

The progress that we've made – as embodied by the changing faces of student leaders – is indeed heartening. But this by no means exonerates Oxford, which must work still harder to eradicate structural inequalities. Nor does this absolve the education system as a whole from

the need to create real opportunities for BAME and lower socioeconomic background individuals as they attempt to access a world-class education.

However, we hope to show that, despite pervasive narratives, you too can be included in a space once defined by exclusion. Though we are few, our ambition is uninhibited; our drive, unsequestered; our aspirations, unrestrained.

As Presidents of Colour, we represent how it is possible to thrive at Oxford. We show that if we are allowed to approach these dreaming spires, then we will climb to the very top. May the halls of power – once grey – be filled evermore with colour, diversity, and culture.

Christine Jiang is front row, far right



MCR Report
Gwen Antell
(Earth Sciences, 2017),
MCR President

St John's postgraduate community has convened in celebration regularly in recent terms. At guest dinners, garden parties and weekend brunches, we left aside the lonely nature of our individual research to revel in each other's company. We sweated across the Town & Gown 10k finish line, hunted Easter eggs across the whole of the College grounds, and sunned ourselves at Blenheim Palace while cheering on a jousting tournament. We gathered to celebrate the characteristics that unite us, bedecking ourselves for LGBTQ+ Pride events, sitting down to Iftar within Hall after the sun had set on the spires, or telling our stories ourselves in Women's Leadership Programme sessions. The constant convocation around so many cultures has overlaid a dizzying imprint on the physical building of our MCR: Australian and rainbow flags criss-cross each other from the rafters, curries wedge between gluten-free avocado cake and vegan cheese in the refrigerator, and the PlayStation controllers tangle around a heap of films that range from



Lesbian dramas to climate change documentaries to light-hearted investigations of mental health. The decor and aromas that linger after our events build up until each of us recognises a facet of home.

The officers of the MCR Committee have dedicated themselves not only to celebrating singular occasions, but also to addressing the issues that affect postgraduate life day to day. We co-ordinated with the Junior Common Room to ensure that parents and carers can bring their children to Hall whenever friends are welcome, and to provide a reusable coffee cup to all our members, which will simultaneously reduce waste and show our College spirit. Following detailed surveys of MCR members, the Executive Committee reported to the College Rents & Charges Committee on the difficulties that postgraduates currently face. A series of thoughtful and comprehensive discussions ensued, which led to changes such as more secure funding for ethnic minority cultural events, more consideration and communication to postgraduates who continue past the a priori finish date for their course, and particular allowance for the costs of international students' visa fees when applying for College grants to travel. Administrative changes such as these are far from mundane; they enliven our community by responding to its ever-changing needs.

One-third or more of the total postgraduate membership turns over every year, and this flux leads to a dynamic atmosphere. Every term, we welcome new postgraduates, new



Rory Madigan

associates and new-borns into our mix; whilst at the same time we say farewell to those making way on new adventures. The Summer Vacation feels a winter aestivation between the two landmarks of turnover, graduation and Freshers' week. The MCR remains a social hub during summer, however, as the Committee co-ordinates coffee, drinks and meditation sessions for those of us who remain. At any rate, summer makes up in constructive power what it lacks in numbers of students. The quads echo with building renovation and access expansion as physical structures are prepared for the human flood of Freshers' week. Internally, the MCR plans the celebration to welcome our successors, the postgraduates who soon will re-shape our community to reflect their own and varied concepts of home. After all, few of us can claim to be 'from' Oxford – we migrate through, and the transient place of overlap among us is the space we call the MCR.

Review

Sport in St John's continues to thrive, with members of the College represented in University squads as well as in intercollegiate competitions.

Sport links JCR, MCR, SCR and staff together. We have over 500 registered users of the St John's gymnasium. Around 50 College members, from the JCR, MCR, SCR and staff, completed the 10k Oxford Town and Gown Run event on a warm, sunny morning, including the President. Runners were set a challenge to 'Beat the President' by running faster than her time, and after the race all were invited back to the Lodgings to be revived with Bucks Fizz and pastries.



Sports at the College level range from the traditional – Rowing, Badminton, Rugby, Football and Netball – to newer arrivals such as Ultimate Frisbee and Zumba, and members of the JCR and MCR are encouraged to start new clubs if the College does not already offer support for their chosen sport.

Our fifth annual Sports Dinner to celebrate achievement and participation in all sports was held on 4 May 2018. Ahead of the Sports Dinner, nominations for Sportsman and Sportswoman of the Year, and for Team of the Year (male, female and mixed) were received and the outcome was decided purely on the vote of the students using a web-based system set up for St John's College. This year's winners were: Sportsman of the Year: Noah Francis (Chemistry, 2016); Sportswoman of the Year: Charlotte Dannatt (Biomedical Sciences, 2017); Men's Team of the Year: Men's Football; Women's Team of the Year: Women's Saint's Football Team and Mixed Team of the Year: Netball. We also invited nominations for the Sports Officer's Special Prize, for those who deserve recognition of their outstanding contribution to College Sport through their leadership by way of coaching or coxing, or to those who have overcome personal challenges. The winner of the 2018 Prize was Georgia Walker. Our guest of honour and after-dinner speaker was Honorary Fellow Barbara Slater OBE Director of Sport at the BBC (Human Biology, 1982).
Professor Zoltán Molnár, Sports Fellow



Badminton

It has been a good season for the St John's–Mansfield joint badminton club. Strong turnout from a group of new players has kept the courts busy, in between enjoying each other's generous hospitality at formal hall. Meanwhile the now long-established men's team, resplendent in their new kit, gave a good account of themselves in the first division. A mixture of application and good old-fashioned pluck gave us a respectable mid-table finish competing against such formidable opponents as Wadham and Keble, while in Cuppers we were very unlucky to be knocked out on points after drawing 3–3 against Keble in the last 16. The mixed team and women's team also had an excellent season competing and remaining in the top division of the inter-college league. The long serving ex-captains Chris Little, Daisy Deller and James Alster are all leaving this year, but many strong players remain for the future.

James Alster (Classics, 2014)



Hockey

The St John's hockey team – joint with Oriel – has been extraordinary this year. One of the things I am most proud of is the level of engagement from, and support for, people who have never played before, which I attribute to the fun loving and friendly attitude of the players in the team. This atmosphere of positivity, good sportsmanship and inclusivity, is definitely the best feature of the team.

Although we haven't had the most successful year in terms of wins and losses, we always had the numbers at matches – something of a rarity in college hockey – because everyone was so keen to play. Even when we don't win everyone comes away smiling, having had a good time – I guess being trounced repeatedly is something of a bonding experience!

Gregory Howgego (Medicine, 2016)

Lacrosse

St John's Lacrosse team entered a team of nine into the Cuppers day tournament which took place on the Sunday of 3rd week in Trinity. This was an impressive turnout, despite the close proximity of Finals for most of the players in the team. The team met Oriel College in the first round, who had a complete side of 11 players. However, even though we were two players down, the team used quick passing and communication to win by an impressive four goals. In the next round the team faced St Hilda's – the previous winners – who had multiple members of the university men's, women's and mixed squads, as opposed to our single member. The team defended well and made a few good attempts on goal,

but unfortunately were defeated. Whilst the team did not progress further, the day was a success as it gave members of the College the opportunity to try out lacrosse for the first time. We are looking forward to next year where the Cuppers system is being reorganised to provide more matches for colleges by combining teams. Alongside this Cuppers event, there have also been a couple of training sessions this year in order to teach members of College who are interested in picking up the sport. As a result, the College funding which allowed sticks in the past to be purchased has been extremely beneficial, as it allowed more people to try it out.

Claire Doyle (Engineering Science, 2016)

Cricket

The 2017–18 season was a funny beast, with the inter-college league descending into a shambles of forfeits and weather-based cancellations. Nevertheless, SJCCC soldiered on, propelled by a promising crop of Freshers and the enthusiastic support of the St John's football and rugby lads.

We were forced to wait several weeks for our first competitive fixture. In the League, forfeits by Merton, Brasenose, and New were compounded by a rained-off match against Trinity. In Cuppers, Magdalen and Queen's also forfeited rather than face the mighty red, gold and black. Our first league match against Hertford was a surprisingly legitimate game of cricket, with excellent batting from new graduates Guy Fowler (69) and Alex Picksley (87) helping us reach an imposing 223 that Hertford never looked like



chasing. More care must be taken to coach Freshers in the noble art of slogging across the line and engineering a batting collapse. A rained-off game against Wadham was followed by defeats to Jesus, who went on to win Cuppers, and eventual league winners Worcester.

Having stormed into the Cuppers quarterfinals by dint of the opposition running for the hills, SJCCC eventually came up against a Teddy Hall outfit sporting nine university players and some horrendous coloured kit. The best SJCCC bowling performance in recent memory helped restrict Hall to 116 off 20 overs, with special mention going to Sam Morris, who bowled in a fashion matching his borrowed uni stash. Unfortunately, Hall's unending supply of Blues spinners proved too economical, and we fell 15 runs short.

And so, to the final day of the league season for the traditional showdown against our old foe, Balliol. Caught off guard by Skipper Adam Grey's first coin-toss win of the season, the top three fell in quick succession, leaving SJCCC reeling at 46/3. Another dismissal brought together the club's token Antipodeans. Spurred on by a desire to salvage national pride following the Aussie Test side's woes, Jacob Taylor set about the Balliol bowling with ferocity. At the other end, Rob Hortle modelled the welfare aspect of the Junior Dean role by playing a sedate supporting role. Shortly after JT brought up his maiden club century with an audacious six, the 131-run stand was over, and SJCCC finished on 218. The psychological toll of being battered by upstart convicts told on Balliol, and they slumped to 114 all out. As our football contingent had predicted, they really didn't want it. The victory was our first against Balliol in a decade and took us to a second-place finish in the league.

The club would like to thank Ian Madden for his peerless groundsmanship in the face of adverse weather, and Tara McSweeney for her Michelin-starred teas. The Orange and Purple caps were not awarded this season due to a lack of statistics, some special awards were made:

- Most Ducks: Sam Morris
- 'Trigger' Umpiring: Dan Mead
- Madden Award for Service to SJCCC: our indefatigable captain, Adam Grey.

Robert Hortle (DPhil International Development, 2016)

Men's Football

The 2017–18 season has been the most successful in recent living memory. After promotion from the First Division in the previous season, our very own Cherwell liaison rep Sam Shah (History, 2016) drew attention to the team being hotly tipped to lift the title come the end of Hilary. An opening day fixture against fellow title contenders Exeter had fans itching for the season's start. A convincing and professional 2–0 victory marked a successful return to top flight football. By the turn of the year John's were just one point behind our 'noisy neighbours' Balliol, with the derby match soon to take place. A record crowd saw John's put on the finest footballing display college football has ever seen away at Balliol, cultivating in an 8–2 demolition of the former league leaders. For the rest of the season there was little any team could do to stop SJCAFC's date with destiny. The dream became a reality away against St Catherine's, with the celebrations lasting long into the night and living long in the memory. 12 matches, 27 points and 41 goals later, the JCR Premier Division trophy was emblazoned in red black and gold again, returning St John's to the pinnacle of college football. This season also saw John's return to their first cup final since the 2008/2009 triumphant



Luke Hand

Cuppers campaign, however the team just fell short of cup glory. Three league titles in as many seasons is an unprecedented achievement, likened to those of the Class of '92 and the realisation of our very own Class of '15: Sam Morris (History, 2015) Ben Briggs (Chemistry, 2015) John Findlay (Engineering, 2015) Philipp Thumfart (History, 2015) Kanyinsola Akinwuntan (Engineering, 2015) Stefan Butler (Russian and Arabic, 2015). After an historic season for football at St John's and under the leadership of newly elected Captain Joey Gompels (Philosophy and Theology, 2017) the team is looking forward to the challenges the coming season will bring.

Ben Briggs (Chemistry, 2015)

Women's Football

It has been another great year for the Saints. The joint St John's and St Anne's team blew off all expectations by winning Hassan's Cup and getting promoted to the first division in the same season. Hassan's final against Jesus College was held at Iffley in February in absolutely glacial weather, yet this didn't stop the Saints from winning 2–1 and coming home with the trophy. This match was of crucial importance, as it also allowed the team to be promoted to the first division, promising an eventful next season! What a better way for Martha Comerford (English Language and Literature, 2016) and Katie Lee (Engineering, 2015) to hand over their role of captain to Grace Trump (Biomedical sciences, 2017) and Inès Gétaz (Geography, 2017).

The second part of the year has been focused on the futsal tournament in which the Saints entered two teams. Team 2 made it all the way to semi-finals, where they unfortunately lost against the Rhodes Scholars, winners of the tournament. The team's multiple accomplishments

where nonetheless recognized and were rewarded with St John's College Best Women's Team award at the annual Sports Dinner.

The particularity of the Saints is forged by the dual college nature of the team and the men's involvement as coaches, emphasizing the feeling of community with and across colleges. The next year promises many exciting matches and challenges as the Saints enter a demanding new league that will require all of the players' motivation and determination.

Inès Gétaz (Geography, 2017)



Croquet

It's been a great season for the croquet club. Long before football came home, croquet enthusiasts were enjoying the wonderful weather. Passion for the game seems to be growing year by year, with nine teams entering the annual croquet Cuppers tournament. Though we are still waiting

for a team to make it into the nail-biting later rounds, I hope that next year large-scale enthusiasm for the game can be translated into an exciting 'cup run' under the leadership of Ben Briggs.

Philipp Thumfart (History, 2015)



Netball

Netball have had a very successful year. The club boasted three Division wins in two terms. The A team made their way from Divisions 3 to 1, and the B team from 4 to 3. Some of our most impressive wins include 22-1 to the A team against Mansfield, and 21-0 to the B team against Exeter. The goal difference points of the B team in fact doubled that of the runners-up in Hilary.

SJCNC A: Georgia Ling (History, 2016), Isobel Howard (2017, Human Sciences), Jasmine Savage (2017, History and Economics), Leanne Smith (2016, Biomedical Sciences), Cordelia Barnes (2016, Philosophy and

Theology), Siobhan Pebody (2017, History and Politics), Bella Clark (2016, Geography), Albany Summers (Chemistry, 2017) and Freya Allery (Engineering Science, 2017) were extremely successful in the Women's Cuppers tournament, making their way to the semi-finals and narrowly missing out on the final to Somerville. The mixed teams also had a successful stint in the Mixed Cuppers tournament in Trinity, with the A team unfortunately just missing out on a spot in the semis. It is no wonder that Netball won Mixed Team of the Year, 2017/18.

Georgia Ling (History, 2016)



Rowing

Michaelmas once again saw the men's squad preparing to race 4.5km at Wallingford Head. Under new coach Pete Shiels, the squad trained to enter a 4+ for the first time. Meanwhile, the club's novice rowers were ably coached towards their own races, Nephthys and Christ Church Regattas. They walked through the first round of Christ Church Regatta with ease and were mere inches from qualifying for the Saturday races.

Hilary began with an oversized M2 and an undersized M1 after they lost many of last year's athletes. Fortunately, several of the newest rowers stepped up to fill the void. Crew problems persisted, but just days before racing a team was finally set. Sadly, after training through cold, wet mornings, snowstorms stalled racing. M2 suffered technical difficulties on Wednesday, falling two places and never had a chance to show their potential. M1 lost ground to some of the fastest crews on the river and lost the chance to bump back into Division 1.

In something of a theme for the year, crew issues plagued both boats in the summer too; despite crews being set in oth week, the loss of several rowers hindered training. Nonetheless, the remaining rowers worked hard through the weeks up to Summer Eights. Whilst bumping up eluded M2 for yet another year, they rowed over twice to achieve a respectable -2. For M1, a difficult starting order meant that more than once they thought a bump was within their grasp only to have it snatched away by the crew behind. The result was a full scale reversal of last year's fortunes, and the dubious award of spoons.

St John's Women entered one crew into Christ Church Regatta in Michaelmas 2017; their first race was against Worcester C and they won 'easily'. Sadly, last minute changes to the race schedule and availability issues meant that the crew had to scratch before their round two race. The senior women entered Wallingford Head of the River in a 4+ and, with only a few outings together, completed the 4.25 km course in 20:17.7.

Two women's crews entered Torpids. Due to the weather W2 were only able to race on Wednesday and were bumped by Corpus Christi W1. W1 were bumped by Keble W1 on the first day. Thursday's and Friday's races were cancelled; on Saturday W1 raced at the top of WDiv1b and were bumped by Wolfson W1.

Two women's crews again entered Summer Eights. On the first day both women's crews were bumped; W2 by Magdalen W2 and W1 by New W1. On the second day W2 had some steering issues and had a lucky escape from a tree as they left the gut, meaning they were bumped by Linacre W2, while W1 rowed over ahead of Balliol W1. Friday was a good day for both crews with W2 rowing over ahead of Oriel W2 and W1 bumping Hertford W1. This was the first bump for St John's W1 in Summer Eights since bumping to headship five years ago. On Saturday W2 were sadly unable to catch Worcester W2 before being bumped by a blades-winning New W2. W1 managed to close to 1/3 length on Magdalen W1, but with both crews sprinting hard to the finish they missed out on the bump.

Lewis O'Shaughnessy (Chemistry, 2014)
and Karen Heathcote (Chemistry, 2014)



Rugby

The College Rugby team (joined as ever with St Anne's) has had a successful year of college sport, being promoted into division 1 during Michaelmas Term and picking a strong contingent of first years, and some elder years looking to get back into the game. In the inter-collegiate cup competition (aka Cuppers) SASJRFC progressed to the quarter-final stages, before unfortunately losing out to St Edmund Hall who went on to win the competition. The College team proved a springboard for its players to excel in university sport with representatives in the colleges XV (Edward Sandford, Geography 2016); 3rd

XV (Liam Peck and James Baker) and 2nd XV (Ross Toward and Daniel Radigan: the latter also made an appearance for the Blues side). The College men's team also held training sessions with members of the university women's team, several of whom from St John's and St Anne's (Georgia Ling – History, 2016, Bella Clark – Geography, 2016, Fran Roxborough), went on to compete successfully in women's rugby Cuppers in Trinity Term. The team also held its annual old boys' game which was another fantastic event to bring recent alumni and current players together.

Daniel Haywood (English Language and Literature, 2016)

Ultimate Frisbee

SJC Ultimate Frisbee has had a good year. Once again we've had some amazing new Freshers who picked up the game quickly and it soon felt as if they'd always been part of the team. We've had great turnout at matches, training and pickups no matter the conditions, including a match in a blizzard (though often attendance increased after the warm ups had finished)!

Over the course of the year we've played many close games – often winning or losing matches to some of the strongest teams by only one point! Our team has performed magnificently, coming joint fourth in the league alongside Balliol, our old rivals, though we won our match against them by two points.

Our Cuppers team was thinned by the timing – it was too close to exams for most of our finalist players. We lost

our first game to Green Templeton College, who turned out with a surprisingly strong team. We continued playing and won some close matches against various teams, eventually being eliminated by Balliol.

Most importantly, we've had lots of fun playing Frisbee this year – the games were tense, amazing throws and some truly inspiring catches were made. It's a shame to say goodbye to all of the great people on the team who are in their final year. We hope that we can continue enjoying Frisbee without them, and we trust the new captains Alice Roberts (Physics, 2017) and Sivan Bouskila (Engineering, 2017) to continue making Frisbee fun!

Cas Burton (Mathematics, 2016)
and Simon Chappell (Mathematics, 2016)

Squash

After narrowly losing the Cupper's final last year, the St John's Squash team sought to build on this success. However, the loss of a number of key players made this challenge a difficult one. Nevertheless, the squash first team has enjoyed a successful season albeit our Cupper's run was cut short rather earlier than the previous year. In the league, the first team experienced a positive season, and special mention should go to Sam Shah and Ben Saward for their near unblemished records in the competition. The squash second team has grown in strength, and its performance has been particularly

rewarding, due to the inexperience of many of its members prior to this year. The team were the sole second squad in a division consisting of other colleges' first teams and this makes their efforts all the more commendable. Training sessions have been both productive and enjoyable and have succeeded in bringing in new faces to the team, from both undergraduate and graduate bodies. The club is hoping to attract a strong contingent of first years in the coming year in order to further these positive developments.

Edward Hunt (History, 2016)

Tennis

There is one phrase that strikes fear directly into the hearts of any college tennis player: 'St John's Tennis Club'. Not only are the individuals residing in these halls among the most talented at the university, but it has also been proven time and again that they are committed in an undying manner to the sport and the College. This is primarily exemplified by the fact that the team trains through the brutal conditions of winter into the glorious highs of summer, where their developed skills are finally measured against those of other colleges.

Trinity term arrives, and with it a palpable sense of anticipation; there are two competitions in which we can exert our dominance with limited restraint. The early weeks consist mostly of savage victories in the lofty heights of the top tennis league. This is only the case because the first rounds of the Cuppers knockout tournament are a squabble amongst the rabble of teams that did not rightfully earn a bye into the later rounds. Once the poor souls who came to face us had limped their way into our path, we deployed the

full extent of our roster to dispatch of them with extreme ease. As one may have guessed, we strolled our way into the finals against New College, the very same team who dashed our hopes of victory last year. I would like to say it was a hard-fought battle, but in all honesty our revenge was exacted swiftly, a categorical 6-3. In the meantime, the league matches continued without much worthy opposition. It should be noted that this competition does not allow first-team university players to compete, so our success is a testament to the fact that our talent is not limited to a few stellar performers, but runs deep and true. Unfortunately, results have not been officially published, but I believe it is mathematically impossible for any team to have matched our performance. An undefeated season in both competitions is a well-deserved result for the squad, and I can only quiver in fear at what might become of the team next year with fresh talent to join the ranks. I would like to give special thanks to the ever-passionate Sports Officer, Professor Zoltán Molnár and the unparalleled Ian Madden, without whom our success would have been rendered nigh-impossible.

Noah Mason (Psychology, Philosophy and Linguistics, 2015)



Zumba

Classes have been more popular than ever. Zumba has been running for years at St John's and is greatly relied on by many students as an inexpensive exercise class which is inclusive and fun.

Courtney Inch (Geography, 2015)



A Day in the Life of the SCR Butler Tim Webber

How long have you been working at St John's?

I'm in my 35th year now. I joined the College in 1984 – I only came for 6 months! If I'm honest, I only applied for the job for experience. I didn't ever think I'd get it at the age of 21.

What does your role involve and what are your primary responsibilities?

To keep the Fellows happy. We serve them morning coffee, lunch, afternoon tea and dinner. There are also three guest rooms available to them to book, so my primary job is to make sure the front of house runs smoothly. I firmly believe that the SCR is a place for them to relax. Not so much now, but when I first came to St John's, a lot of butlers were very 'stiff upper lip' and very domineering – that's not me, I'm totally relaxed. I encourage my staff to talk with Fellows and be sociable. I fully respect them in every single way, but like to think we can have a laugh and a joke, and in turn it makes them more relaxed.

How did you go about learning all the College traditions?

I was at Corpus Christi for six months before I came to St John's, and they obviously had a few, but it's just something I picked up as I went along really. Many of the traditions have disappeared to a certain extent. In some cases this may be a good thing, as in the tradition of the sconcing pots, which are three pint silver jugs. If a student had done something wrong, fellow students would ask High Table if they could 'sconce' him. They'd fill the pot with beer and then the student would have to try and drink it all in one go – it could get messy!

What kind of skills are required to be an SCR Butler?

A lot of patience. I don't get flustered easily. You need to be a very good communicator, and you need a huge sense of humour. You also need to be a good listener – I'm like a grandfather! I've given out loads of advice and have made a personal friend of many Fellows.

Tell me about an 'average' day

There is no 'average' day really. Some days I can work ten hours, and the next day seven.

Have things changed as the College organises more external facing events?

Yes. Weddings have become far more popular – these are mainly organised by the main kitchen. The conference side hasn't really changed that much – we organise a lot more one-day and two-day conferences, whereas before would host American Summer Schools who would come here for practically the entire summer vacation. I work with alumni far more now than I used to. When I first arrived, there wasn't an alumni department – that's quite new, in the last ten years or so. We organise Gaudies now.

What do you enjoy most about the role?

We've got a very good wine cellar and I get to work with some really good wines. Jan, our Wine Fellow, mainly advises on this area, but I do get involved, advising on private dinners and during vacations.

What's the most challenging aspect of the role?

Juggling people's different needs, and knowing which requests you're able to fulfil. Also, the hours are very long. Schools Dinners are always a busy time for us. We organise them for every single subject that sits an exam. As it's technically the last dinner they have before leaving St John's, we like to make them just a little bit special, so that they'll always remember it.

As a long standing member of staff, do some alumni remember you when they come back?

Yes. We used to have a Head Scout called Peter Cox who was here for 45 years. Towards the end, we just used to invite him to reunions and didn't bother to make him wait, as all the guests were so pleased to see him! He worked more closely with them than I did. It was wonderful – he used to spend the entire evening walking around the Hall shaking hands.

What makes St John's different from other Colleges?

They're all different, but also very much the same. Every College has their different personality. St John's is quite a relaxed College in many ways. Departments work together well and are helpful to each other, and that probably comes from the way the Fellows run the College.

How important is the role of tradition at St John's?

Some traditions have fallen by the wayside, but we still hold on to the important ones, like College Feasts. But gone are the days when Fellows wore gowns to Governing Body.

What's your favourite memory of your time here?

I've just really enjoyed my whole time here. We work hard, but also laugh a lot. I'm lucky to have been blessed with really good staff. It's difficult to pick just one stand out memory, but the 2000 Women Dinner in 2015 (to mark and celebrate the admittance of the 2000th woman to the College) was special. We erected a huge marquee in the garden and hosted about 450 women. I was the one member of staff present throughout the whole evening and only myself and two other men were there – I was well and truly outnumbered!

ORATIO

SPIRITUA





A Schrödinger's saint: an icon of St Spyridon's Shrine in St John's College, Oxford

Dr Juliana Dresvina has been working in St John's during the past year, updating the catalogues of the College's paintings and silver. In the course of this, she came across an intriguing painting in the Lodgings...



Of all the paintings owned by St John's College, the spookiest is perhaps that of John Case, seated at the table with a child's skeleton in front of him. His close competitor, currently in the President's Lodgings, is a small oval icon, depicting a darkened cadaver in priestly robes, propped upright by a domed architectural structure. The information sheet vaguely identifies it as 'Icon (?) St Spiridon issuing from his tomb (?)', ? Russo-Greek but with Latin lettering', based on the 1929 catalogue. The trinity of the question marks reflects the perplexing nature of the panel, both in terms of its subject, its origin, and its inscriptions.

It is not clear when the painting came to the College. It makes its first appearance in the 1915 handwritten catalogue as 'A kind of Icon' with a note 'not in any of the old catalogues'. It was by that point hung in the Long Gallery together with the high-profile portraits of the college's founder Sir Thomas White, Charles I, Henrietta Maria, Archbishop William Laud, and the Holmes couple. It may have been there in the late 19th century, but unfortunately the relevant pages in President Bellamy's list of 1872 either have been removed (there are three stubs in the notebook where the Long Gallery would have been described) or never completed. It could have come as a gift from Ioannis Gennadios, the ambassador of Greece to England, who probably also gave the College two replica Vaphio cups (Bronze Age gold vessels) in silver, now kept in the College silver store, at some point in the late 19th or early 20th century.^[1] This would explain the prominent position of this otherwise bizarre item in the President's Lodgings. Until 1989 the picture was displayed in what looks, according to the frames specialist Timothy Newbury, like a mirror frame or girondole, made in a neo-mannerist English style, c.1865, but it was not likely to be original. Its current oval gilded profile frame was made by John Davies Framing Ltd, London, in the summer of 1989. There is no evidence suggesting that the icon was cut into an oval after it was painted – it appears to be its original shape.

[1] Gennadios is also known as Johannes Gennadius (1844-1932); he and his wife Florence Laing in 1926 established the Gennadius Library, now one of the most important libraries in Greece, in Athens. See also Donald M. Nicol, *Joannes Gennadios, the Man: A Biographical Sketch* (Athens: American School of Classical Studies at Athens, 1990).



Spyridon of Trimythus was a historic figure, active in the 4th century and mentioned in contemporary sources – he allegedly participated in the Council of Nicaea in 325; the early *vitae* emphasise that his original occupation was that of a shepherd, and even after his appointment to the bishopric of Trimythus in Cyprus he retained his pastoral staff and continued wearing a conical woven shepherd's hat, *σπιρίς*, in which he is often depicted and which may have served as the etymon for his name. Three hundred years after his death his relics were translated to Constantinople, and the widespread cult of the saint began – all the way up north to Novgorod. The relics were eventually moved to Corfu (Kerkyra) in the second half of the 15th century, after the conquest of Constantinople, and from then on St Spyridon became the patron saint of the island, where he is simply known as 'the saint' and accounts for a fair share of the local male names. His right hand got detached from his body, most likely when he was still in Constantinople, and was kept in various churches in Rome until it finally returned to Corfu in 1984, and is kept separately in a silver box to participate in various religious celebrations instead of the main relics – including a tour of Russia in 2007.

The red lettering to the left side of the St John's panel currently says O(R)ATIO(S), with the bracketed letters barely visible, while the right-hand side text SPIRI'I (with an abbreviation mark over R and I). During a restoration of 1990 Candy Kuhl, the conservator, remarked that the inscription had been tinkered with in the past: 'The main inscription, which when overpainted read OPAPRO SPIRTTA' was revealed as O(R)ATIOS SPIRIII'. The original inscription, from which the panel's lettering was copied, seems to have read Ο ΑΓΙΟΣ ΣΠΥΡΙ(ΔΩΝ), misread by the artist who was either semi-literate, or did not know Greek. The latter is more likely if we consider the garbled inscriptions on the angels' scrolls, which, in the original painting, must have contained the liturgical formula *καὶ τῷ πνεύματι σου* ('and with thy spirit'), a response familiar to anyone who has ever attended a Greek Orthodox service even today. The formula is a reference to an episode from the saint's life, recorded by several authors as early as the 6th or 7th centuries:

One evening he entered into the empty church to conduct the service, as he usually did. The people were late and the church was empty. Therefore, those who happened to be with him there suggested not to light too many candles but to use one small light,



enough to kneel before the Bishop. But the divine righteous Spyridon said: 'My children, light up more candles and lampadas as it is proper, and made them bright, for from now on the prayers and the supplications before the Lord will be more fervent than before'. The saint then entered and, according to the tradition, gave peace [i.e. said 'Peace be to all']. Then everyone heard that a great multitude of voices, not human but angelic, chanted songs unto God alongside His worthy servant [Spyridon], responding 'And with thy spirit'.

Interestingly, the icon is not a direct illustration of this event, but a suggestion that the same arrangement continued after the saint's physical death: the composition makes dead Spyridon an active, serving bishop, with the flanking angels acting as his co-celebrants.

The subject of St Spyridon standing inside of its glass-windowed ornate shrine, or inner sarcophagus, apparently emerged in the late 17th century and enjoyed widespread

diffusion in the Ionic-Adriatic area, especially in the 18th–19th centuries. The use of glass coffins to display relics is a widespread Southern and Eastern European tradition of the middle ages and the early modern period, visually familiar to anyone who has seen the Disney cartoon *Snow White*. The iconography with St Spyridon's late-Renaissance shrine, separated from the viewers by a balustrade, either on its own or flanked by two angels with tapers or incense-burners, survives in numerous examples in churches, museums and private collections. This type was evidently popularised by the high-quality works of late 17th-century artists, one of which, by Theodoros Poulakis (fl. 1670–92), has recently been sold by the Temple Gallery in London, and the other, by Ioannis Karydis, painted in 1682 and acquired in 2005 by the Museum of Byzantine Culture in Thessaloniki. The Venetian-made Mannerist shrine itself was completed in 1605 and installed in St Spyridon's church in Corfu, which gives the *terminus post quem* for this type of iconography.

The upright display of the relics certainly does not appear in the earlier icon (1595) of the *Dormition of St Spyridon and his miracles* by Emmanuel Tzanfoumaris. During the nearly four centuries of Venetian rule Orthodoxy and Catholicism co-existed on Corfu, and the regular processions with the saint's relics were conducted jointly by the both types of the clergy – a practice also found on contemporary Crete. The love for processions, typical of both Constantinople and Venice, redoubled on the island and displayed elements of both cultural traditions. The local Corfu cult turned out to be contagious for the metropole, and its further popularity in the Adriatic was triggered by Pope Clement XI establishing his feast in 1717 in Venice, after the end of the Turkish invasion in 1716 during the Turko-Venetian war was ascribed to the saint's intercession. Even earlier, in 1669, the story of St Spyridon's relics (and the role of the author's family in it) was related in an attractively illustrated booklet 'The True Relations of the Corfu Wonder-worker Spiridion the Saint' by Nicolò Bulgari, printed in Venice in a mixture of Italian, Greek and Latin, with the engraving of the open shrine on page 22, inscribed both in Greek and in Italian. This spread of the cult westwards may well account for the change from the Greek to the Latin inscription in the upper part of the St John's painting, and the engraving, which seem to be the earliest datable example of the 'standing shrine of St Spyridon' iconography, must have

facilitated the further multiplication of similar images which soon entered the canon of the saint's depiction. This is indirectly supported by the fact that another of Theodoros Poulakis's depictions of the saint from the second half of the 17th century, *St Spyridon and scenes from his life* from Benaki Museum (Athens), is similar to the 1595 icon by Emmanuel Tzanfoumaris, mentioned above, and does not yet contain an image of the standing shrine in the margins, whereas a later, 1744 version by Nikolaos Kallergis (currently in possession of the A. S. Onassis Foundation) does.

One of the curious details of the painting is that the inner shrine is depicted vertically, plugged into a bishop's throne. This refers to the fact that even up until now the St Spyridon 'goes' on processions four times a year, when the shrine is carried upright by the clergy following the Old City walls and attended to by the local dignitaries, so that the saint occupies the position usually reserved for the



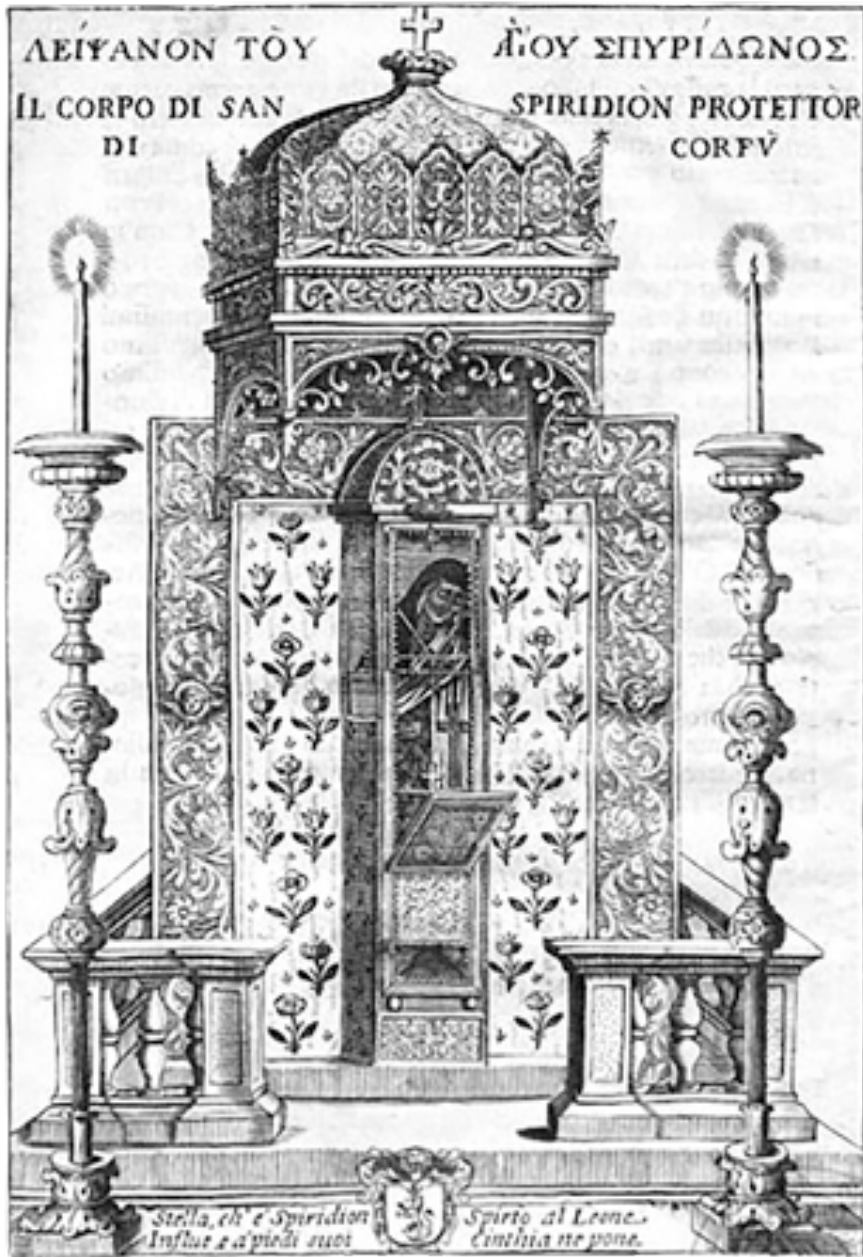
living, ruling bishop. Even the British soldiers, quartered on the island in the 19th century, had 'positive orders from their general to present arms to the bones and images of the saint, as they are carried along in procession through the streets... to do honour to the relics of this idol: thus is a British soldier obliged to sacrifice his duty to God to his duty as a soldier. This may be good policy, but very bad religion', comments Reverend S. I. Mahoney grumpily, late a capuchin friar in the Convent of the Immaculate Conception at Rome in his 1820s notes.

In the late 1930s young Gerald Durrell and his sister had the misfortune to be caught accidentally in a similar religious procession and venerated the relics of the saint, although rather against their will:

Inside, it was dark as a well, lit only by a bed of candles that bloomed like yellow crocuses along one wall. A bearded, tall-hatted priest clad in black robes flapped like a crow in the gloom, making the crowd form into a single line that filed down the church, past the great silver coffin, and out through another door into the street. The coffin was standing upright, looking like a silver chrysalis, and at its lower end a portion had been removed so that the saint's feet, clad in the richly-embroidered slippers, peeped out. As each person reached the coffin he bent, kissed the feet, and murmured a prayer, while at the top of the sarcophagus the saint's black and withered face peered out of a glass panel with an expression of acute distaste. It became evident that, whether we wanted to or not, we were going to kiss Saint Spiridion's feet.

But even between these processions Spyridon does not seem to lie still inside his shrine. The locals report that sometimes the silver coffin, within which the actual reliquary is usually kept, cannot be opened. This means that the saint is away on a mission, helping the needy, as proved by the fact that his velvet slippers get so worn out through travelling by foot that they have to be changed every year during a solemn ceremony. The old slippers are then cut up and distributed about the local devotees and the pilgrims. Such an active lifestyle has evidently taken its toll on the saint's complexion, since in his modern appearances he is looking rather more decomposed compared to the late 17th century.

All in all, it looks like the St John's icon is an 18th or early 19th-century copy made for Venetian (or Italian) use for private devotion by someone not well versed in Greek



from a Greek original. I have not been able to find its source, which may well have been lost. The overall style is reminiscent of the works of Emmanuel Tzanes Bunialis, Venetian colleague of Theodoros Poulakis, especially of his icon of a stylite saint from c.1660, but significantly cruder in its execution. What makes the icon unusual is its compact size (30.5 by 25.4cm), its uniquely oval shape, and the text on the angels' scrolls, making a reference to the saint's lifetime miracle from a much earlier period. By

using the standard phrase 'and with thy spirit', uttered in response to the priest giving the congregation a blessing by saying 'peace be with you all', instead of the praises passively perceived by the saint, the maker of the original composition cleverly emphasised that Spyridon is still liturgically active in his physical death. Centuries after his episcopal ministry finished in Cyprus, St Spyridon continues to be simultaneously dead and alive both inside his silver box and in the painting at an Oxford college.

The St John's College Women's Network

The St John's College Women's Network was launched in November 2017. It celebrates St John's women and supports them by bringing together current students, Fellows, staff and alumnae from across the world. It has built on the success of the 2000 Women celebrations by furthering our women's engagement with the College and supporting their education, well-being and life opportunities.

In a changing world we recognise the need to promote and support our women's ideas, ambitions and independence. However, we also focus on celebrating the many outstanding achievements of St John's women, in all walks of life, all over the world. **Robin Gorna** (Theology, 1984), Chair of the Steering Group, explains its role.

What does the Network do?

The Women's Network brings together existing events and initiatives for St John's women into one network, and provides a platform for more extensive connections to be made.

The St John's Online Community (www.sjc.aluminate.net/) allows all St John's alumni the opportunity to connect with other members across the world. Within the platform alumnae, students and staff of St John's are able to connect with other members of the Network for career advice and mentoring. For example, Committee member Anita Cooper (Psychology, 1981) has carried out pro bono work for the College this year on communication skills and voice training with students and staff. Be sure to add Women's Network in your personal headline and/or bio so

that other Network members are able specifically to search for this.

The Network organises speaker events, in a variety of locations and formats, with women speakers sharing their experience and insights. These events are open to all genders. The College has a Women's Leadership Programme in place, open to graduate students, and hopes to roll out an undergraduate programme soon.

There is an annual Women's Network Dinner in London, organised by Steering Group member Ann Hyams (Geography, 2008), who recently featured in the *Sunday Telegraph's* list of '35 Women under 35' – a list that aims to 'shine a light on the country's top young businesswomen'. This year the dinner (which sold out due to high demand) was held on 7 September.

The Network is open to all St John's women, past and present, and is overseen by a Steering Group made up of St John's students, fellows, alumnae and representatives of the Development and Alumni Relations Team. The St John's Women's Network defines a woman as anyone who identifies wholly or partially as a woman and/or as transfeminine.





Recent events

Building on the highly successful 2000 Women's Big Weekend, on 10 March 2018 St John's hosted a day of events celebrating and inspiring SJC women. Activities included short talks and discussions from alumnae, students and Fellows on a broad range of subjects related to academia, careers and all aspects of life, sports and arts taster sessions, informal networking, and a specially organised exhibition: 'A History of Women at St John's' from the College archive. More information about the event can be found on the College website.

Future events

The Network will host further speaker events, careers networking and mentoring sessions, and future women's festivals, for which ideas and input are welcome.

Interested in getting involved?

- Would you like to speak at a future Women's Lunch?
- Can you contribute to the Women's Network by speaking or running a workshop?
- Do you have an idea for an event, or something else the Women's Network could do?
- Would you like to be an alumnae representative on the Steering Group?

We'd love to hear from you. Email women@sjc.ox.ac.uk with the subject line 'Get Involved'.

The St John's Online Community: the story so far

The St John's Online Community was launched earlier this year, and there have been many successful mentorships between alumni, students and recent graduates thus far. This exciting new platform is designed to give St John's alumni, students and Fellows the opportunity to connect across the world and offer each other mentoring, advice, networking and connections. We have spoken to a few of our members to find out how they have made the most of their St John's network.

Helena Murphy (Oriental Studies, 2017) is a first-year student and has been exploring the options for which direction to take after she finishes her course: 'I have had a really good experience so far. I emailed an alumna who is working in the field I want to go into and she's been really helpful. So far we have had an hour-long chat over Skype – we discussed my career plans and future education plans, as well as what she has done in her career. She gave me advice on the kind of steps I need to take over the next couple of years.' Where Helena began with a general discussion regarding development in the field, her mentorship resulted in her gaining relevant experience: 'She has also been really enthusiastic about helping me find internships during my year abroad and has started to put out some feelers. She's offered to take a look at my CV and we have arranged to have another call at some point this term.'

Where some have yet to complete their studies and want to find out more about future education and career plans, others have recently left St John's and are working on their application letter, CV or preparing for interviews. **Thomas Hill** (Biochemistry, 2013) was preparing for his first job interview after completing his studies and wanted to speak to someone experienced in the field: 'The platform was excellent. I got in contact with an alumnus and I managed to meet up with him and have a good chat. My interview went very well, and as a result I have been offered the job. I think the ability to meet and talk to someone via the Online Community certainly benefitted me and helped to strengthen my application.'

The Online Community thrives because of its engaging mentors who know exactly what it's like to finish a degree and be on the brink of your career. One of the Online

Community's mentors explained: 'I signed up to be a mentor because I enjoy helping the younger generation to get ready for their career and life – and I'm now in a position to help them. I helped a second-year PPE student to improve her CV – and eventually she ended up doing a micro-internship with me this summer. She was great and had a lot to contribute. So I benefitted too!' (**Camille Koppin**, Experimental Psychology, 2000)

Along with the chance to offer and receive mentoring, the St John's Online Community contains a full listing of current events, job opportunities and lots of interesting articles, photos and publications in its digital library. You can create your account at www.sjc.aluminate.net.



Alexandra Panman



IN MEMORIAM

Remembering members of the St John's College community

John Christopher Anderson

(1950)
15/03/1932 – 16/01/2018

Patrick Selim Atiyah

Honorary Fellow
05/03/1931 – 30/03/2018

Dennis Salway Ault

(1937)
27/11/1918 – 29/07/2017

Peter Portway Baker

(1943)
02/09/1925 – 18/11/2017

Peter Nevil Barbour

(1948)
06/05/1927 – 20/09/2018

Robin Barton

(1959)
14/07/1940 – 19/12/2017

Glyn Benfield

(1957)
18/05/1938 – 26/06/2018

Lawrence Brown

(1941)
24/05/1922 – 27/03/2018

Malcolm Carey Brown

(1948)
07/05/1930 – 07/12/2017

Peter Coles

(1970)
20/01/1951 – 05/12/2017

Mark Christopher Patrick Darey

(1980)
22/02/1962 – 22/06/2018

Michael Robin Day

(1955)
10/04/1935 – 12/03/2018

Douglas Harold Doughty

(1944)
24/08/1926 – 14/10/2017

Edward Dillon Lott Du Cann

(1941)
28/05/1924 – 31/08/2017

Tobias William Hammersley Eckersley

(1961)
22/07/1941 – 29/04/2018

Roger James Elliott

Honorary Fellow
08/12/1928 – 16/04/2018

Gerald Henry Louis Fridman

(1945)
24/10/1928 – 24/11/2017

Basil Albert Green

(1951)
07/12/1930 – 06/09/2018

John Bernard Hall

(1960)
05/06/1941 – 24/11/2017

Peter Hoare

(1964)
30/10/1945 – 28/12/2017

Stephen Charles Houseman

(1955)
20/12/1926 – 22/03/2018

Joyce Howe

(College Pensioner)
1919 – 2018

David Edward Jenkins

(1961)
22/11/1942 – 21/07/2017

William Hilton Kelliher

(1963)
17/12/1942 – 04/07/2017

James Alastair Macnaughton

(1973)
21/10/1954 – 20/10/2017

Michael John Makin

(1958)
05/10/1938 – 03/05/2018

Christopher Ian Meyrick

(1945)
07/08/1927 – 01/01/2016

Neil Pearson

(1956)
29/04/1935 – 27/01/2018

Nigel Barrie Reginald Reeves

(1959)
09/11/1939 – 31/01/2018

Peter Richard Scott

(1968)
23/03/1950 – 07/03/2018

Michael Seifert

(1960)
30/07/1942 – 14/07/2017

Robert Charles Tovey

(1976)
05/03/1958 – 06/09/2018

Robert Antony Frank Sherwood

(1949)
29/05/1923 – 26/06/2018

Paul Alexander Theron

(1971)
24/07/1946 – 07/02/2018

Alexander John Maclagan Wedderburn

(1960)
30/04/1942 – 31/03/2018

David Harry Wheaton

(1949)
02/06/1930 – 11/04/2018

Richard Thomas Henry Wilson

(1967)
07/12/1948 – 11/02/2018

Dennis Trevor Witcombe

(1949)
24/07/1930 – 19/09/2017

Glenville George Yardley

(1953)
15/11/1933 – 06/11/2017

James Shen Yuan

(1965)
21/05/1929 – 31/12/2017

This is a record of those of whose deaths we have been informed in the last year. We regret any omission and please do write to us if this has happened. We rely on information given to us by alumni, family and friends. Our publication schedule means we are not always able to include appreciations for all of those listed. If you would like to write an appreciation to appear in a subsequent issue, please do contact us.



PROFESSOR PATRICK ATIYAH DCL, QC, FBA
Former Honorary Fellow
Died 30 March 2018

Patrick Atiyah, who died in April 2018 aged 87, was and will be regarded as one of the most important legal scholars of his generation in the common-law world. He was Professor of English Law at Oxford from 1977 to 1988 and as such was a Professorial Fellow of St John's, elected as an Honorary Fellow of the College upon his retirement. He was a leading exponent of the 'law in context' movement of legal scholarship, of which the aim has been to treat law and legal phenomena critically in their social, political and economic contexts. The publication in 1970 of his work on 'Accidents, Compensation and the Law' marked the foundation of the series of Law in Context books and remains its essential classic.

I should like to add a college-specific point of celebration of his life and work by focusing on his monograph on *Promises, Morals, and Law*, the legal-philosophical companion piece to his earlier major legal-historical work on *The Rise and Fall of Freedom of Contract* (1979). It was published in 1983 when Atiyah was at the summit of his career, at the mid-point of his tenure of his Oxford Chair, and I think it represents his particular engagement with Oxford legal philosophy during that period. In the Preface, which is expressed as having been written in St John's College, he says that 'The present book is addressed to philosophers, and especially to moral and linguistic philosophers interested in the topic of promising, on the one hand, and to lawyers with a taste for theory, on the other'.

I think it was no accident that Patrick Atiyah's return to Oxford in 1979 (his having at earlier times been a law student at Magdalen College, and a law tutor at New College) seems to have coincided with the recrudescence of a special interest on his part in the philosophical underpinnings of the classic theory of English contract law. He was deeply sceptical of the pretensions of that classic theory to have endowed English contract law with a high moral content, but I think at the same time fascinated by those claims. He wrote in the Preface to *Promises, Morals and the Law*, slightly ruefully I think, that 'This is not the work on Modern Contract Theory which I foreshadowed in *The Rise and Fall of Freedom of Contract*. But it is a by-product of my continuing work on the theory of contractual and promissory obligations'.

There was actually no sense in which he had forsaken the theory of modern contract law. I can recall his discussing the themes of the book, while it was in the making, with colleagues in the Senior Common Room, myself among them. His exuberantly challenging discourse was unforgettable. These conversations were shared with philosophers such as Gordon Baker, one of the Philosophy Tutors of the College, whose comments on the first draft of the book are acknowledged in the Preface. I should like to think that Patrick regarded me as one of the 'lawyers with a taste for theory' to whom his reflections were addressed. I remember those discussions with esteem and affection as moments of contact with a towering legal intellect.

Professor Mark Freedland, Emeritus Research Fellow in Law, St John's College

PROFESSOR SIR ROGER ELLIOTT FRS
Former Honorary Fellow
Died 16 April 2018

Former colleague Professor Sir Keith Burnett, Honorary Fellow and Vice-Chancellor of the University of Sheffield, supplied the following tribute.

Roger was a renowned scientist who played a major role in his area of theoretical physics and was leading figure in national science policy. His work was important to a wide range of the scientists opening up new areas of study using new experimental techniques. These included the revolutions in the use of neutron and synchrotron radiation that the U.K. led in the 1970s and 1980s.

Roger was also a generous colleague to me and many colleagues in the Physics community, but when asked to write this short piece I was well aware that others might be better versed in his accomplishments. There was an excellent obituary by Frank Close in the *Guardian* to think of, but I hoped those reading this short comment might appreciate the views of someone influenced by him first as an undergraduate, D.Phil student and then colleague.

Roger was a theoretical physicist who did a great deal of work that both inspired and guided experimental endeavour. His early career had been at UKAEA Harwell, the main centre for atomic energy research and development in the United Kingdom from the 1940s to the 1990s. In Roger's day, boosted by a post-War awareness of the relevance of Physics to the life of the nation, it was one of the premier centres for the study of materials.



When I was studying ‘solid state physics’ as an undergraduate in Oxford in the early 70s, now known as condensed matter physics, a key text in solid state physics included a simplified account of Roger’s work on impurities in crystal lattices and how they influenced the properties of the system under study. As is often the way, I read of that work as a student but did not make the link to one of my lecturers, but the entry is a reminder now of how central Roger’s work was to an understanding of his field. Roger joined St John’s as a tutorial Fellow in 1957 and remained as a tutor until 1974, teaching undergraduates as his reputation as a physicist grew and grew.

Instead my personal memories of Roger begin in the year after he was elected to the Wykeham Chair of Physics, succeeding Sir Rudolph Peierls in that most prestigious of roles. As a postgraduate student at the time I heard praise for his work from senior members of the Physics department. I also remember the questions he asked at the Friday afternoon departmental colloquial. They were often tough to answer and I witnessed at first hand his intellectual honesty and openness at work.

Later in my career I had the opportunity and need to read more of Roger’s work in the influential *Review of Modern Physics*. These studied the technical aspects of his work on materials in which the regular crystalline structure is absent. These materials are without order and are an important and ubiquitous class of substances. Roger’s work was crucial for the field and its evolution. In time this became a central theme in his work as shown by the title of the festschrift, *Disorder in Condensed Matter Physics*.

Still, this work was only part of a substantial range of subjects in Roger’s research, much of which continues to influence the work of a wide community of scholars. His honorary degrees and scientific prizes indicate that this was as deep as it was wide.

I later came to know Roger as senior colleague who often took the time to talk to a new tutorial Fellow at his old college. He would ask me how things were going and give gentle encouragement with a mild dose of irony. I enjoyed and benefitted from these discussions and appreciated the insights they gave me.

In later years Roger played the critical role of the Physical Secretary of the Royal Society. I know from my work on the Council of the Royal Society that this is an exceptionally demanding task. The Physical Secretary and Vice-President of the Society has to command the respect of the physical and mathematical scientists in the Society and is called to lead a great many tricky discussions. Roger did this in exemplary fashion.

Others will describe better than I Roger’s work outside Physics, where his exceptional abilities and judgement were much valued. My own reflections are more personal, of one Oxford scientist to another. I shall miss simply bumping in to him in College or in London, my awareness of the part he played in building our shared discipline, our valued chats and occasional shared laughter.

Henry Reece from the Oxford University Press also shared his memories of Sir Roger. He was Secretary to the Delegates and Chief Executive of Oxford University Press from 1998 to 2009, and is an Honorary Fellow of St John’s.

St John’s ran Oxford University Press in the second half of the 20th century. For 50 of the 55 years between 1954 and 2009 the College supplied the Secretary to the Delegates/Chief Executive (Colin Roberts, George Richardson, Roger Elliott and the author). As if that were not enough, the College also provided the Chairman of the Press’s Finance Committee, in effect its board of directors, from 1975 – 2000 (Roger Elliott and Keith Thomas).

Roger was a pivotal figure for 20 years in the Press’s emergence as one of the world’s leading scholarly and educational publishers. In the aftermath of the Waldock Report of 1970 that established the blueprint for the modernisation and governance of the Press, Roger was one of the original members of a revamped Finance Committee. He became its Chairman in 1975, a position he would hold for the next 13 years, almost exactly overlapping with George Richardson’s term as Secretary. Given the Press’s occasionally

difficult status as (by far) the largest department of the University, the role of Chairman demands, in addition to performance of the conventional tasks, that the holder also be interlocutor and general fixer for the Press with the rest of the University. As a former Senior Proctor, it was a task well suited to Roger's talents for networking and discreet lobbying. This period witnessed major changes to the Press's structure with the closure of the London office and the disposal of the Wolvercote paper mill. In the late 1970s and early 1980s the collapse of the Nigerian oil economy and the costs of building a new distribution centre placed the Press under huge financial pressure that in turn put its relationship with the rest of the University under great strain. It was George's and Roger's greatest achievement that they navigated through these difficult years and secured the Press's financial future.

At the age of 60, in 1988, one of the world's pre-eminent theoretical physicists metamorphosed into a full time publishing executive. Roger's move to Chief Executive was not without controversy, with disappointed ambition among some in the Press leading to loud mutterings. Roger embraced the world of publishing with great enthusiasm. He travelled extensively on behalf of the Press, and his slightly aloof manner would quickly disappear as he played cricket with the staff in Pakistan or board games at Canadian sales conferences. He even found time to serve as President of the Publishers' Association. Roger took two strategic decisions that proved crucial to the Press's continuing success: the first, the closure of the historic Printing House in 1989, was difficult and traumatic with hundreds of redundancies, but necessary to remove a loss-making part of the Press that faced insuperable economic and technological challenges; the second, the establishment of an OUP branch in Spain in 1992, that fueled much of the Press's growth during the next 20 years. He retired from the Press in 1993.

This brief overview of Roger's institutional roles gives an idea of his many contributions to the Press but his impact as Delegate for Physics from 1969 to 1988 was equally influential. The scientific community within the University viewed the Press in the early 1970s, quite rightly, as a publisher geared almost exclusively to the arts and humanities. Roger worked hard to haul the Press's science publishing into the second half of the 20th century, and probably nothing that he did had greater effect than a note he dashed off to the Press's then science editor in 1975: 'One of the dons here, Dr C R Dawkins, is writing a popular science book tentatively called *The Selfish Gene*. I have no idea whether he or it is any good but it might be worth looking at.'

PROFESSOR KEVIN CHARLES GATTER (1970) Former Emeritus Fellow Died 22 June 2017

The distinguished pathologist Kevin Gatter died on 22 June 2017, aged 65. He had been elected to a Fellowship in 1989 and to an Emeritus Fellowship in 2013, following his retirement. A familiar figure in the college – not least because of his ancient, instantly-recognizable, near-green academic gown – he was a brilliant tutor and a successful Fellow for Alumni as well as a distinguished scholar and scientist.

Professor Gatter was Head of the Department of Cellular Science and led it through mergers with Clinical Biochemistry and the Nuffield Department of Pathology to create the Nuffield Division of Clinical Laboratory Sciences. He was an internationally recognised expert in haematopathology, making fundamental research contributions to the development of immunohistochemistry and to the classification of lymphomas, later pursuing an interest in angiogenesis. He was recognised by ISI Thompson Scientific as one of the most highly cited and influential researchers in his field. His research changed the way that clinicians diagnose different types of cancer.

Born in Luton in 1951, Professor Gatter attended local Catholic schools and then came up to read Medicine at St John's, graduating in 1973 and staying on for doctoral research. He was a oenophile, a runner and a motorbike enthusiast, with a passionate interest in military history.

The following short tribute was read by Professor Andrew Parker at the memorial meeting hosted by the College and his wife Vivienne Gatter in St John's on 3 July 2018:

'Like many first encounters in colleges, my first meeting with Kevin Gatter was divided by a metre length of polished wood. He formed part of the selection panel for my Fellowship interview, having just recently been elected himself. He and I arrived to succeed the two former medical tutors, Bob Torrance and Tom Powell. As ever, there was a gap of many months and a whole summer before Kevin and I met as a working partnership in October 1990 to welcome the new medical students and get term under way.

The first real test of our ability to collaborate was the admissions interviews in December. Kevin summarized the strategy for St John's as 'We just invite these people who have done well in the entrance exam and see how well they get on'. How simple he made it seem! Gradually over time, we adjusted and agreed. I have to say it was not

difficult to reach that agreement, a tribute to Kevin really.

What we did find difficult was to predict confidently who would become a good doctor 6–7 years hence. Kevin was very keen on integrating the clinical students with the undergraduate medics. This is something we worked on, as I think it reflected his experience. And eventually this did pay off. Not only did some of those we admitted do well as undergraduates; some also went on to get clinical prizes and honours (sometimes the same individuals, but sometimes quite different ones).

As a colleague, Kevin was very patient, being willing to wait until things came to a natural conclusion. Often, when we would talk about a problem student (or indeed a colleague), we would carefully air all the issues, consider all the options only for Kevin to say at the end, ‘Well they’ll just have to sort themselves out.’ Of course, he didn’t leave it there; he made sure that certain ‘helpful things’ happened, but he was also quite clear that people had to do it for themselves.

Some time went by and Kevin and I were suddenly Professors. He also had a department to run and his yearly major Clinical Pathology course to teach, plus his research and his College teaching. And yet he also agreed to become Fellow for Alumni. We were all surprised, delighted and overwhelmed. It was entirely in keeping with Kevin’s character. For him, the College was not a goal in itself, but a useful vehicle for doing interesting things and supporting good people.

The main thing I remember about working with Kevin is that it never felt like work. There were serious things to decide, sure enough, but he so often carried this for all of us, in a way that never let it sit heavily on the shoulders. His great strength was to find a completely natural approach to finding the comfortable solution – not the easiest solution – but one that best fitted the purpose.’

PETER PRESTON (ENGLISH LANGUAGE AND LITERATURE, 1957)

Former Honorary Fellow

Died 6 January 2018

Honorary Fellow Peter Preston (1957) died on 6 January 2018, aged 79. As a student at St John’s he edited Chervell and, as editor of the Guardian for almost 20 years, he went on to become one of the most distinguished journalists in the country. His importance was recognised and valued by colleagues across the political and professional spectrum. At a memorial service in St Bride’s, the journalists’ church in London, the editor

of the Daily Mail, Paul Dacre, described him as a hero: ‘the journalists’ journalist. The editors’ editor’; so good, indeed, that ‘the man would have made a great editor of the Daily Mail.’

Peter Preston was born in Leicestershire, the son of a manager in a greengrocer’s business. He was nine when his father died of polio. Days later, he was struck with the disease himself. Saved after months lying in an iron lung, he did not return to school for two years and would remain permanently disabled. He had to learn to walk and write again and would endure further painful operations in the years to come. He nonetheless won a place at Loughborough Grammar School, where he – predictably – wrote and ran the magazine. But his disabilities were such that his headmaster believed that he would never catch up with his contemporaries and recommended he leave school at 15 and become an accounts clerk.

Disregarding this advice and observing that ‘You had to claw your way back’, Preston continued at school. In 1957 he came to St John’s to read English. After graduating, he began work at the *Liverpool Daily Post*, joining the *Manchester Guardian* in 1963. He would write his last column for the paper over half a century later and filed his last piece for the *Observer* on New Year’s Eve 2017. At the *Guardian* he first covered foreign affairs, travelling to West Africa, the Mediterranean and the Indian sub-continent, before moving to London, where he wrote a regular column on the comings and goings of metropolitan life. Experience as a features and then a production editor propelled him to the overall editor’s chair at the age of 37.

As editor, he was by all accounts a workaholic. He was also a reformer, transforming the ‘Grauniad from a misprint-ridden in-house asexual organ of the Do-gooding Dungaree classes into the sassiest, most fashionable and strongest daily broadsheet on the Street’, as the *Evening Standard* observed on his retirement. ‘No editor could have been braver in times of struggle’, observed one obituarist. ‘No editor in the paper’s history had displayed greater commitment and diligence. For all the changes that have inevitably ensued, he left an indelible mark on the newspaper he served for so long.’

In retirement, Preston remained active. In *Bess* (1995), he imagined the end of the British monarchy. In *51st State* he predicted a world in which the United Kingdom had broken up, left the EU and sought membership of the United States. He was chairman of the International Press Institute and a founder of the European Press prize. In December 2017, he was the guest speaker at the College’s Oxford and Cambridge Dinner.

DR MARK WHITTOW

Former Lecturer

Died 23 December 2017

More than 1,000 people attended Mark Whittow's funeral at Christ Church in January: a testament to the terrible shock felt throughout Oxford at his sudden and untimely death in a car crash on Christmas Eve, and also vivid evidence of how much he was loved by a huge and diverse range of people. A former, and strikingly successful, Senior Proctor, a few weeks before his death he had been elected Provost of Oriel. A distinguished historian of the Byzantine empire, his Making of Orthodox Byzantium is still a fundamental text on the subject. Above all, Mark was an extraordinarily gifted tutor – first as a fellow at St Peter's and then at Corpus. He also served as lecturer in medieval history at Merton, Oriel and, for the best part of a decade, at St John's. William Whyte recalls an unforgettable tutor.

Born in Cambridge, Mark read History at Trinity College, Oxford, staying on to research and write a massive, three-volume doctoral thesis on 'Social and political structures in the Maeander region of Western Asia Minor on the eve of the Turkish invasion'. A junior research fellowship at Oriel was followed by a series of temporary jobs at Reading and at King's College London, as well as many years of experience as a field archaeologist. In 1987 he married Helen Malcolm, a graduate of New College, where she read Persian and Arabic. She is now a QC, a Deputy High Court Judge and a leading barrister in crime, fraud and extradition cases. They were to have three children: George, who read History at Christ Church; Mary, who read Greats at Trinity; and Flossy, who is still at school.

As a historian, Mark's interests were extraordinarily wide-ranging. He wrote on everything from the fall of Rome to the 'feudal revolution' of the 11th century. Always geographically expansive, he was as happy exploring the near east as the Latin west; his studies of Byzantium drew on wide reading in the history of Persia, Arabia and north Africa. In recent years, he played a pivotal role in the rise of global history within Oxford: writing essays – some of them still in press – comparing the Roman and Byzantine empires with imperial projects in China, India and elsewhere. Always keen to link material and textual evidence, he drew on architectural history as much as on manuscripts and found inspiration in coins as much as in charters.

Yet Mark was no dry-as-dust academic. He hosted some of the best parties in Oxford. There you would find students and staff; the least distinguished thinkers mixing with the most remarkable scholars; Trotskyites discussing history

with the highest of High Tories; visitors from all over the world speaking every manner of language. Mark had the capacity to bring together the most unlikely people.

He was an instantly recognizable figure: always in a suit – usually tweed; often in a bow tie; usually with a hat. He seemed like a figure from an older world. At his installation as proctor, he insisted on using the real fur hood (rather than the synthetic version preferred by most) on the grounds that it was the only time he was likely to be asked to wear ermine. But he was a passionate advocate of the most avant-garde historical ideas; and a fierce supporter of women in academia as well as a tremendous encourager of younger scholars.

All this made him perhaps the most popular man in Oxford. The fact that he was wickedly funny only helped. I remember teaching with him on one occasion when he reduced us both to such a state that at the end of the class we had to lie down in the floor. We were laughing so much that we had stopped being able to breathe. Mark's death was a tragedy for Oriel and a great loss for the wider university community. His legacy lives on in publications, but – above all – in his students.

WE ALSO REMEMBER

Maureen Bruno joined St John's in March 2010 and sadly passed away on 11 February 2018. She was 62 and still working at the College as a Scout, having been on long-term sick leave. A memorial service was held for her in the Chapel.

David Hopper passed away on 14 February 2018. David had worked in the main kitchen since 2010. His colleagues remember him as a talented chef who inspired others with his passion for fresh homemade food and as someone who was a great mentor for younger chefs.

College pensioner **Joyce Howe** (MBE) passed away peacefully on 11 February 2018, aged 99 years. Joyce was a member of the domestic staff and worked as the housekeeper at St Giles House.

Sonia Price joined St John's in December 1998 and sadly passed away on 8 December 2017 at the age of 68. A very popular member of the Main Kitchen team, she always brought laughter and happiness to those who she worked with. Her daughter Julie Richardson still works at St John's as a member of the catering staff.



JOHN MICHAEL BAKER

Professor Michael Baker was born in 1930 and came up to St John's to read Physics in 1948, continuing at the College as a graduate student until 1953. He died on 10 August 2017. We are grateful to his children Christopher Baker (History, 1975), Timothy Baker and Claire Baker for this appreciation.

Michael Baker was a distinguished experimental physicist and lecturer at the Clarendon Laboratory, and the first ever tutorial Fellow in Physics at Merton College. But he regarded his five years at St John's, as an undergraduate and then a graduate student, as the greatest influence on his life and career: 'everything else flowed' from St John's, and from his lifelong association with his tutor, supervisor and research mentor, Brebis Bleaney FRS (St John's 1934, Lecturer 1945, Fellow 1947).

Michael was born and brought up in Shropshire, where he was a star pupil of Wellington Grammar School. Despite straitened family circumstances, his widowed mother insisted that he continue into the sixth form and apply to Cambridge. But his State scholarship directed him to Oxford. Only one WGS pupil had ever gone to Oxford: John Brown (St John's 1945), who advised Michael to apply to St John's, where Bleaney was the brilliant new physics tutor.

At interview in autumn 1947, President Austin Lane Poole was intrigued to meet a 'Shropshire Lad'. Tommy Thompson tried to attract him to chemistry, but Michael came up as a physicist in 1948. Most of the freshmen were older, having done national service, whereas Michael, aged under 18, still had a banana ration. But he thrived in the 'hard working, hard playing' undergraduate milieu.

He rowed for the College, and was Captain of Boats in 1950-1951.

At precisely this time Bleaney was conducting his pioneering research on Electron Paramagnetic Resonance (EPR), a technique for identifying and analysing the magnetic properties of ions and radicals, which he had co-invented in 1945, and on microwave spectroscopy. Michael recalled '*marvellously stimulating*' tutorials, in which Bleaney would tell him about his latest results. Having gained first class honours, Michael went on to do graduate research in Bleaney's group, first at St John's, and from 1953 to 1955 at St Antony's, obtaining his DPhil in 1954. Michael spent 1955-1956 visiting Harvard as a Fulbright Scholar, working with Norman Ramsey on his Nobel-Prize-winning research on molecular beam spectroscopy.

Returning to Oxford, Michael became Merton's first specialist physics Fellow in 1957. In the same year, Bleaney was appointed Dr Lee's Professor (moving to Wadham), and Michael took over his research group. Having narrowly missed inventing it (Bleaney suggested the idea in 1954, but Michael was then too busy to take it up), in the 1960s he was the pioneer in Britain of Electron Nuclear Double Resonance (ENDOR), a variant of EPR which uses the 'hyperfine' magnetic interaction between electrons and nucleons to provide detailed information about the magnetic properties of the atomic nucleus.

His research output peaked from 1987, when he began what became a wide-ranging programme to use EPR and ENDOR to probe the structure and properties of 'point defects' in natural and artificial diamond. These impurities or irregularities in the crystal lattice can profoundly affect the electronic and optical behaviour of diamond. The knowledge gained can be used to dope artificial diamond for specific technological functions, with applications ranging from pollution control, electronic and photonic components, to medical and biological imaging, and quantum computing.

Michael taught some 300 undergraduates and 30 graduate students, including many who went on to become professors and scientific entrepreneurs, Fellows of the Royal Society and a Nobel Laureate. Among them was Mark Newton, who inherited the research group on Michael's retirement in 1998, eventually taking it to Warwick University, where it still carries forward the work begun by Bleaney in the 1940s.

Michael served as Head of Condensed Matter Physics at the Clarendon, and Sub-Warden and Senior Tutor at Merton. Though 'retired' from 1998, he continued research, and was closely involved in the work of the Warwick group

almost up to his death. In 2011 he became only the second British physicist (after Bleaney) to be elected a Fellow of the International Electronic Paramagnetic Resonance Society. His curiosity was insatiable, and his determination indefatigable, even after he had to endure a debilitating operation in 2013. He took a great interest in the subsequent careers of his pupils, and maintained close links with St John's and the friends he made there.

In 1954 Michael married Gabrielle Perfect, a librarian and secretary at the Clarendon. They had three children: Christopher, Timothy and Claire. Gay died in 2014.

Just young enough not to have to fight in the Second World War, just old enough to benefit from post-war government investment in science, maturing as a scientist at just the right time to participate in pioneering research programmes, Michael felt acutely the debt that he owed to Bleaney and St John's for giving him the start and the support on which he built so handsomely. He was a classic example of what Oxford University can achieve, turning a green grammar school boy into a world-class scientist.

ROBIN BARTON

Colonel Robin Barton was born in 1940 and came up to St John's in 1959 to read Classics. He died on 19 December 2017. We are grateful to his wife, June, and his son, Marcus, for this appreciation.

Robin Barton was educated at King Edward's Birmingham School, (full scholarship) before coming to St John's. He left St John's and joined the staff of Clifton College (Bristol) in 1963, where he worked until he retired in 1997.

At Clifton College he taught Latin, Greek and Ancient History. He was Head of Classics for most of his career and was the Master in charge of tennis in his early years at the college.

Robin was a passionate wilderness explorer, most notably organising and leading five expeditions providing the opportunity for many young people to experience and explore the high Arctic regions of Northern Canada and Spitzbergen. As a Territorial Army Officer and later as Commanding Officer of Clifton College Cadet Force, he achieved the rank of Lieutenant-Colonel before the end of his career. For almost three decades he led students of the College to the Isle of Skye each year at Easter to camp and climb in the Black Cuillins Mountains, which became his final resting place following his memorial service at Clifton College Chapel on 25 August.

He was elected Fellow of the Royal Geographical Society after his 1998 expedition, for services to exploration.

His widow, June, writes: 'We moved to Locmine, in Brittany, France in 2004, and we have been lucky enough to have passed 13 happy years there, playing chess and exploring France. Robin was a passionate chess player, having represented Avon and Somerset. We regularly took part in tournaments in the North and Western parts of France, travelling and staying in our motorhome. This was also our means for exploring and discovering Southern France, including the Pyrenees and the Southern Atlantic coastal areas. Indeed Robin played competition chess until the week of his death.'

Robin was married three times and leaves three children and five grandchildren from his first marriage.

LAWRENCE BROWN

Lawrence Brown was born on 24 May 1922 and came up to St John's in 1942 to read Physics. He died on 27 March 2018. We are grateful to his son Andy for the following appreciation.

As an x-ray crystallographer from the late 1940s onwards, my father, Lawrence Brown, who has died aged 95, was one of a select band of British scientists who helped to determine the atomic and molecular structure of crystals. He put the knowledge he gained to good use in the then growing field of synthetic fibres, particularly with the textile company Courtaulds, where he rose to become head of its Acetate and Synthetic Fibres Laboratory. There he oversaw work on the development of several new synthetic fibres, including carbon fibre.

At Courtaulds Lawrence came to know and to collaborate with Francis Crick and James Watson, the two British scientists who discovered the structure of the DNA molecule in 1953. It was via this association that he became one of the first people in the world to be told of that momentous discovery.

His final move within Courtaulds was to become Chair of several of its subsidiary dyeing and printing companies, before he switched careers to become a teacher in the later part of his working life.

Lawrence was born in Nottingham to Thomas, a lace maker, and his wife, Ethel (née Aplin), who worked in a blouse factory. He won scholarships first to High Pavement grammar school in Nottingham, and then to St John's College Oxford, where he studied mathematics.



MALCOLM CAREY BROWN

Malcolm Carey Brown was born on 7 May 1930 and came up to St John's in 1948 to read English. He died on 17 December 2017. We are grateful to his wife, Betty, for this appreciation.

Malcolm Carey Brown was born in Clayton, Bradford, where his father, the Reverend W.G. Brown, was the Baptist minister. In 1937 the family moved on to Nelson in Lancashire. Here, after primary education, he went to Nelson Secondary School, up to School Certificate.

In 1945 his father moved south to Parkstone Baptist Church, and Malcolm went into the sixth form at Poole Grammar School. From there, he won a Scholarship to St John's, and took a Congratulatory First Class Honours Degree in English.

After Oxford and National Service in the Royal Navy, he joined the BBC as a General Trainee, and went on to a career as a Producer of BBC Documentary programmes. Here he produced, over more than 30 years, a series of programmes which, while not achieving prizes, were of the solid standard which won the respect and acclaim of the world at that time.

In 1986, Malcolm left the BBC to do independent writing and research, often based at the Imperial War Museum, or working at the Bodleian Library. During this time, he produced the bulk of his books, which were based on the letters home of many servicemen – privates, officers, all sorts – and often the responses of their wives, left at home. For almost the first time, the ordinary serviceman was being given a chance to speak. This also opened a channel for families who had not known where they might find a place to send valuable, but disappearing, memories. There was a flood of responses from people, and many of these went on to the Imperial War Museum, where Malcolm worked for several years to create a database which has been used by a large number of researchers.

For many years Malcolm did most of his writing on his computer, in the garden room, which we'd had built in 1986 when he left the BBC. In some ways, he was almost as remote there as at the Imperial War Museum, working away without any interruptions. In 2004 Malcolm was told he shouldn't go across to the garden room because of the danger of falling – it was the beginning of the slow onset of his MSA (Multiple System Atrophy with Parkinson's traits). The onset was gradual, at first hardly noticeable, but increased as his speech, and then his movement deteriorated.

Much as he is missed, one could not want him to go on, suffering so valiantly as he did and for so long.

However, after a year, Second World War duties intervened, and in 1941 he joined the Corps of Royal Electrical and Mechanical Engineers, training at the Army Radio School. He was assigned to 499 Battery in Sidcup, Kent, and from there travelled around the area maintaining radar stations.

After further training he was assigned to maintain wireless installations along the Kent coast. By the age of 21 he had attained the rank of Captain and was posted to India, where he ended up running a vehicle repair facility in Chittagong, now in Bangladesh.

When the war ended, Lawrence returned to Oxford to complete his studies and was awarded an MA in Physics. Having met Ruth Murphy in Kent, where she was an NCO in charge of a radar station, they married in 1946 and shortly afterwards he was recruited by Courtaulds. They moved to Coventry in 1948 and Lawrence stayed with the company until the late 1970s, when he began his second career in teaching, working at Nottingham High School and then Warwick school, where he became a Governor after retiring in 1986.

In retirement he was Secretary of Coventry Probud for several years; he and Ruth much enjoyed researching trips for the group.

Ruth died in 2002. Lawrence is survived by his four sons, Andrew, Nicholas, Julian and Edmund, and six grandchildren.

MICHAEL ROBIN DAY

Mike Day was born in April 1935 and after National Service in the RAF came up to St John's in 1955 to read Chemistry. He died in Florida in March 2018. This appreciation was provided by Martin Zissell (Chemistry, 1955), with the help of email correspondence from his wife Judi Day, and contemporaries Bill Burnham (Lit. Hum., 1956) and Bob Picken (Modern Languages, 1956).

Living on the same staircase in our first year, we often walked to lectures together. With David Cunliffe-Jones, we were tutored by Professor 'Tommy' Thompson, before researching various aspects of Infra-red spectroscopy for Part II. Mike had learnt to fly at Magdalen College School, but after RAF National Service, was soon on the river, rowing in successful first Torpids & Eights, rewarded by bump suppers. In those days, training started a week before term, with steaks on the menu.

Tall, fair and energetic, with a ready smile and infectious laugh, he made many friends. These included Richard Popplewell, Martin Slocock, Captain of Boats and Keith Fitton, whose post-exams party introduced Judi Willis, a nurse from the Radcliffe Hospital, and they were soon married. He was invariably enthusiastic, rarely seen downcast, except for example, when injuring his hand on a rail shortly before Eights.

When Bob Picken arrived at St John's as the only American in his year, feeling alien when communications were not as easy as they are today, he was the beneficiary of his kindness and concern. Rowing with Mike was always great fun as, no matter how difficult the training or the race or how exhausted they all were, he was always able to lighten the mood with a ready joke.

Mike's career was varied and successful, first with ICI Plastics Division where, after authoring technical research papers, in 1963, he decided the commercial side would be more fun. This led to a transfer to the States, in a division later becoming part of Astra Zeneca. An episode displaying his talents and business acumen, was to revive a failing associated company, with encouragement and sensible decisions. After periods in Connecticut and California, the couple lived in Wilmington, Delaware for 25 years. Retiring in 1990, Mike did some consulting work for a start-up company in Boston. Then in 2000, they moved to Sarasota, Florida.

The couple remained loyal to Oxford and the College, regularly returning from the States for Gaudies, Garden



parties and Eights Week. Mike was a generous benefactor to St John's and also gave time to the refurbishment of the Barge, now berthed at Sandford-upon-Thames. Many friends were welcomed to their homes in Delaware and Florida. Thus, Bill Burnham, who had found Mike a supportive and thoroughly pleasant colleague in the RAF, writes of the couple's kindness and generosity in many situations after college, when his family first went to Connecticut, while they were also caring parents for their own three children.

Mike, he recalls, was always good company, enjoyed telling jokes and coming up with suggestions that were usually helpful, but occasionally outrageous. He described himself as a smoozer rather than an intellectual, and although known as a rower, did not automatically assert the superiority of this sport over others.

Back home, Bob Picken appreciated the life-long loyalty of his friendship, and mentions that Mike spent more than half his life in the US, becoming interested in current affairs. He became an American citizen in 1978 and Judi six years later.

In retirement, the couple enjoyed British 'who-dun-its', particularly the Dexter inspired series and *Midsomer Murders*. However, Mike's interests had turned from science to history and philosophy, perhaps searching for the meaning of life.

Judi Day writes that two rooms in their house were badly damaged by a freak fire in August 2017, when a 'live' spark from the installation of two air conditioners outside somehow got into the house, setting fire to insulation

and timber between the walls. The smell of smoke was overpowering and they spent nine days in a hotel to allow the start of restoration, which took two months to complete. In September, they were again evacuated, this time for four days to the mainland because of Hurricane Irma. Luckily the storm took a late turn to the East and the house avoided any flooding or structural damage. A family group of 16 (from three adopted children) assembled to celebrate Thanksgiving in November 2017.

Remarkably, Mike had continued to row – and so did Judi! They joined the Wilmington Club and on retirement to Siesta Key, Florida, were founder members of the Sarasota County Rowing Club. As boats were adaptable, bowside Mike was amused to occasionally stroke an eight.

Mike was increasingly troubled by poor health and despite a series of emergency admissions, died of a congestive heart failure on 12 March, a month short of his 83rd birthday, mourned by relatives, friends and his wife of 58 years, Judi Day, who pronounced him ‘a character’ – certainly, and one with character and integrity. The double scull in the photo was refurbished, painted white and christened by Judi in his name at the Celebration of Life on 4 April.

EDWARD DU CANN

Sir Edward Du Cann was born in May 1924 and studied Jurisprudence at St John's, matriculating in 1941. The following appreciation was written by Dr Kit Kowol, Lecturer in History.

‘Politics’, so wrote Sir Edward Du Cann, ‘is like a toboggan run: you think you are going at 5mph, but before you know where you are, you are at 70.’ The career of Du Cann, businessman and Conservative MP for Taunton (1956–87), who died on 31 August 2017, certainly lived up to this alpine analogy.

Born in 1924, Du Cann's parents were an unlikely match. His father was a demobilized soldier who practiced at the criminal bar, his mother a chemist's shop assistant. In what was the first of many financial ups and down in his life, Du Cann was ejected from his exclusive prep school in London (Colet Court) following his parents' divorce and sent away to Woodbridge grammar school in Suffolk. Too young to sign up for military service at the outbreak of war in September 1939, Du Cann joined the Local Defence Volunteers – forever associated with the television comedy *Dad's Army* – before coming up to St John's in 1941 to read Law.

In a wartime Oxford denuded of many undergraduates and Fellows (and frequently beer) Du Cann nonetheless enjoyed his time at St John's where he became friends with, among others, the writer Kingsley Amis and the poet Philip Larkin. Unlike his near contemporary at Oxford, Margaret Roberts (later Thatcher), Du Cann preferred the pleasures of the city's growing jazz scene to student politics, which he later described as polarized between ‘dogmatic lunatics’ on the Left and a ‘snobbishly irrelevant’ Right. Like many, however, the war cut his time short and after five terms Du Cann left Oxford for the Navy in April 1943. After a number of training deployments, by the end of the war Du Cann was commanding his own Motor Torpedo Boat (MTB), a fast-moving craft designed to attack German U-boats and coastal raiders. Reflecting the kind of buccaneering approach to commerce and politics that he would later display – as well as the tendency for disasters to accompany him – Du Cann used one of these boats as part of his own personal post-war trade-mission to Portugal. Alongside his childhood friend, the land speed record holder Donald Campbell, Du Cann filled a civilianized MTB with British manufacturing goods and sailed to Lisbon. These failed to sell in what was a comparatively minor setback compared to the explosion and subsequent sinking of the boat.

Demobilized and unemployed, Du Cann advertised for a position in *The Times*. He briefly worked managing a hotel before entering the City. Drawn to the Conservative Party through a combination of an attraction to Churchill and an aversion to Socialism, he soon began scouting for potential constituencies. A naturally affable and amiable man, as well as possessing the degree of vanity required for politics, Du Cann greatly enjoyed campaigning. Crossing paths again with Margaret Roberts, this time as fellow defeated candidates in London in 1951, he was selected as Conservative candidate for the Taunton by-election in 1956 and entered Parliament aged just 32.

With his employers despairing at Du Cann's political distractions and he at their gentlemanly commercial conservatism Du Cann set up his own unit trust. Then a relative novelty, unit trusts were ideally suited to the small saver – an increasingly important customer at a time of rising affluence. The firm flourished, so much so, that a shovel had to be used to move the piles of cheques that accrued in the office. Here, as Du Cann was proud to point out, was a practical expression of the Conservative ‘property owning democracy’.

In 1962 Du Cann entered government in the dying days of Harold Macmillan's premiership. Acting first as Economic Secretary to the Treasury and later Minister of State at the Board of Trade, in both he worked alongside future Prime Minister Edward Heath. The two did not get on despite, or perhaps because of, their similarly unconventional upbringings at a time when the Conservative Party was at its most aristocratic and patrician. Moreover, as one colleague described, they were 'temperamentally incompatible'. Heath's awkward manner and brusque nature in contrast to Du Cann's amiability and capacity to cloak his emotions. A long-lasting mutual antipathy developed.

The characteristics that alienated Heath, however, made Du Cann an ideal Chairman of the Conservative Party, a position he gained in 1965 following the party's defeat in the previous year's election. Heath's ascent to the leadership cut Du Cann's tenure short and he was not included in Heath's cabinet when the Tories returned to power in 1970. Instead, Du Cann turned his attention to business, becoming chairman of the private bank Keyser Ullman – the activities of which Heath famously described as the 'unacceptable face of capitalism' – and later Lonhro PLC, the giant Anglo-African mining and industrial conglomerate run by the enigmatic Tiny Rowland.

Du Cann however secured his revenge against Heath in the 1975 Conservative leadership race; a contest he helped provoke through his influence as Chairman of the important backbench 1922 Committee. Initially, it seemed as if Du Cann himself might run as the candidate from the party's Right but a whiff of financial scandal – Somerset locals waggishly referred to him as 'Du Cann of worms' – and objections from his then wife led him to withdraw. Du Cann eventually threw his support behind Margaret Thatcher.

Passed over for promotion (and to his dismay also a peerage) Du Cann retained his chairmanship of the 1922 for much of Thatcher's term in office and was seen by commentators variously as a man of 'influence' within the party, or, less charitably, a persistent schemer. Retiring from Parliament in 1987, Du Cann's finances took a fatal hit with the collapse of Homes Assured Corporation two years later. The firm provided loans to council tenants under the 'Right to Buy' scheme, a policy that Du Cann had supported during his time as Party Chairman two decades earlier. After a number of prolonged legal battles and financial disputes – including over the attempt by Mohamed Al-Fayed to purchase Harrods – Du Cann was forced to resign from Lonhro in 1991 and was eventually declared bankrupt.

Like many Conservatives of his generation who lamented Britain's (and often their own) post-war economic decline, Du Cann eventually settled overseas. He spent his last years in Cyprus working on a number of business ventures as well as completing a book on dogs and another on caricatures of the Duke of Wellington. Indeed, like his political hero, it is easy to parody Du Cann as a kind of right-wing wheeler dealing political upstart in the vein of Rick Mayall's Alan B'Stard MP. Yet, to do so would do a disservice both to the man and to the political views he represented. Du Cann was a product of a distinct, often forgotten, post-war, post-colonial, less deferential conservatism – in his autobiography he lamented the lack of businessmen as Honorary Fellows at St John's. As such, Du Cann saw economic liberalism in general and Thatcherism in particular not as an ideological or moral project but as a practical means to enhance Britain's position in the world. Like Enoch Powell's 'new nationalism' of the 1960s, Du Cann's patriotism was based on the idea of Britain as a pioneering, enterprising nation built by adventurous risk-taking men like himself. While a strong supporter of privatisation, for example, Du Cann objected to the transfer of great British companies (such as Harrods) into foreign hands. An opponent of British entry into the Common Market, his concern was less with the effect this would have on the Commonwealth and more the extent to which the Community, and later the EU, prevented British governments supporting British industries. Like the Cypriot wine he came to promote as part of yet another business wheeze, Du Cann was a rather unusual vintage, but one which, with Brexit, is perhaps coming back into style.

TOBY ECKERSLEY

Tobias William Hammersley Eckersley was born on 22 July 1941 and came up to St John's in 1961 to read PPE. His brother Timothy shared the address he made at Toby's memorial service with the College, excerpts of which are included below.

Toby was the product of a 19th-century education. He was force-fed a relentless regime of the classics for more than 10 years. He flourished in the system and it gave him, as intended, an intellectual discipline he applied to all his thinking. But he rebelled. He was offered a place at Cambridge to read classics and he refused it – he'd had enough. After some string pulling he went to St John's Oxford to read Politics, Philosophy and Economics – what he wanted was the route into politics.

At Oxford he did a stint as President of the Oxford University Conservative Association and he championed Britain's entry into the European Economic Community. From university he entered the Foreign Office in 1963. He had postings in The Hague and Accra. In his second year in Ghana he rebelled again, and abruptly resigned his post. Officially he had some complaints about his government's policies, but really I think he was just bored by his job as under-secretary for trade.

Since he had quit, the Foreign Office refused to pay his airfare home, so he decided on an adventure – he hitch-hiked across the Sahara. This was one of several epic journeys he made as a young man – across Afghanistan and Iran on his way back from Pakistan in 1959, and a few years later all around the USA and Canada on greyhound buses.

Back in London from Ghana, to get to grips with his real interests, he enrolled at the London School of Economics. After a year's study he landed a job at the International Monetary Fund in Washington and managed to transfer his studies to Georgetown University. He sailed over on the *Queen Elizabeth* with his Mini in the hold. He lived on Capitol Hill, which in those days was a rough neighborhood, in a house shared with a future longtime US Senator, among others.

He returned to London in 1971 and joined Williams & Glynns Bank in their take-over department. A few years later, with merger activity being at a low ebb, he switched jobs to ICI, managing international trade deals. He remained at ICI until he took an early retirement offer in 1993.

His wandering days were over, and he now got stuck into London life and specifically Southwark life. Gradually his career took a back seat to what really motivated him – politics. It started and ended with lengthy fights defending the rights of the individual when confronted by the powers that be: first in saving his own home and street from compulsory purchase, and 40 years later, in helping the embattled tenants and home-owners of a public housing estate. In between he led a small group on the council – usually in opposition – in a role that is vital to a healthy democracy.

Toby was a romantic who never married, a father-figure and a generous uncle. He was constantly pessimistic about economic prospects and he could talk like a law book. He was an effective painter in oils and mastered a technique of painting *en plein air*, completing the picture in one session. He enjoyed music – especially opera – and he had a distinctive piano-playing style.

JAMES (ALASTAIR) MACNAUGHTON

Alastair Macnaughton was born in 1954 and came up to St John's in October 1973 to read Literae Humaniores. He died on 20 October 2017. We are grateful to Paul Oliver (English, 1974) for providing this appreciation.

From the start of my time at St John's I had been aware of Alastair Macnaughton as someone who was very active in the Christian Union, but when I met him properly, I was in my final year and he was in his fourth, with one more year to come: although he had come up to read Classics, the thought of Russian, which he had taken to A level at the Edinburgh Academy, had nagged away at him and, after Mods, he changed to Classics and Modern Languages. This necessitated some time out bringing his Russian up to scratch, as well as allowing him several months abroad (which he spent in Minsk) to put it into practice.

Alastair was born in Wallsend, Tyne and Wear, where his father was a vicar (an important detail, since Alastair came from a veritable dynasty of Anglican priests). After Schools, having been accepted as a candidate for ordination himself by the diocese of Newcastle, he moved to Cambridge, where study for the Theology Tripos at Fitzwilliam was supplemented by ordination training at Ridley Hall. It was at Cambridge in 1979 that he married Diana (née Sawkins), whom he had met early on in his time at Oxford while they were both offering hospitality to overseas students.

Alastair was ordained to the diaconate and priesthood in 1981 and 1982 respectively at Rounds Green, Birmingham, where he served his title. A succession of exceptionally varied pastoral posts in the East Midlands and North East followed, culminating in a ten-year stretch as Team Rector in Cramlington, near Newcastle, and then six years as Director of Discipleship for the North East under the aegis of the Lindisfarne Regional Training Partnership – an awesome charge which could easily have cowed a lesser spirit owing to the all-encompassing nature of the remit. It was a genuinely important ministry, and a very productive one: he had sole or joint responsibility for a number of courses designed to facilitate the Christian formation of laypeople in the region's churches, and over time these resulted in widespread growth in confidence and many vocations to ministry.

As a result of being diagnosed with colorectal cancer early in 2012, Alastair applied for, and was granted, early retirement. But giving up work did not come easily to him, especially as the three months' prognosis which he had originally received proved inaccurate, thankfully, and he survived for nearly five years! However, in the time left over from assisting Diana in

her own priestly ministry and generally keeping his hand in by taking services and giving his time and expertise to anyone who needed them, he devoted himself to a new and very exciting project. A longstanding concern for the suffering Church in Russia (as a young man he had made several risky trips to the then Soviet Union) prompted him to send the St Vladimir's Seminary Press, the premier publishers of Orthodox theology, a proposal for an English-language edition of *The History of Religion: In Search of the Way, the Truth, and the Life*, the masterwork of the Russian Orthodox martyr and theologian, Fr Alexander Men. The proposal was accepted and Alastair duly commissioned.

He found the task of translation utterly absorbing, especially as the specialised nature of Men's use of language often required the writing of a fairly detailed commentary in addition to the resolution of the challenges constantly thrown up by the actual process of translation. Although Alastair's early death prevented him from completing more than the first volume, it is a source of great pride to his family to see *The Wellsprings of Religion* in print and to know that what was essentially Alastair's project will be completed by other workers in the field.

Although Alastair was a canon of Newcastle Cathedral, he had worked for the bishops of both Newcastle and Durham when attached to the Lindisfarne Partnership, and his funeral was conducted by the Archbishop of York as a way of marking the extraordinary reach of his work. In line with Alastair's wishes, communicated to Dr Sentamu on one of his visits to see him in hospital, the emphasis was wholly on Christian resurrection. The resulting service, attended by all of his family and scores of friends as well as numerous priests and laypeople from both dioceses and beyond who had been inspired by him, had the feel of a celebration on a large scale. ('Joyful' doesn't do it justice.) The interment at Berwick was inevitably a more sombre affair, but there was a certain appropriateness in Alastair's being buried there. Like Berwick itself, he had always had one foot in England and the other in Scotland.

Alastair was cut out to be a priest: he was truly a man of prayer, compassion and service. (In 40 years I never heard him speak ill of anyone.) In his devotion to Diana, their three children and four grandchildren, he was also the archetypal family man. He brought to his interests and hobbies – travelling, fly-fishing, gardening – the same unfeigned enthusiasm that characterized his ministry. He was dedicated to lifelong learning: after gaining an MA from Manchester in Adult Education, he threw himself into Biblical studies, another longstanding passion, making sure that he kept abreast with

modern scholarship. He is already painfully missed: as priest, family man and friend he touched so many lives. No wonder the emotion most frequently expressed at his funeral was that of gratitude for having known such an inspiring example of human warmth and Christian discipleship.

NEIL PEARSON

Neil Pearson was born in 1935 and came up to St John's in 1956 to read Medieval and Modern Languages. He died on 26 January 2018. We are grateful to his brother Colin Pearson for this appreciation.

After leaving St John's, Neil joined Colgate-Palmolive and worked for the company for the next 30 years. Starting in Norway, he went on to become Managing Director of the Company in Denmark, Austria and the Benelux countries, before finishing up in charge of operations in Scandinavia. In 1979, he received a Belgian knighthood (*Chevalier de l'ordre de la Couronne*) from the King of the Belgians. He retired to live in Rye, in Sussex, where, after a short illness, he passed away.

PAUL PRIESTLEY-LEACH

Paul Nicholas Priestley-Leach was born on 9 December 1939 and came up to St John's in 1959 to read Modern Languages. He died on 28 May 2017. We are grateful to Douglas Allan (Jurisprudence, 1959) and his widow Margrit for this appreciation.

Paul was born in Bradford, where his family owned a textile business. He attended Shrewsbury School and came up to St John's in 1959 to be among the first members of the College to enjoy the brand new Beehive building in North Quad. He made friends across all disciplines and is remembered as a man with an engaging sense of humour, a talent for mimicry and the guitar, and as a genuinely caring personality. He was a man of independent mind who wanted to make the world a better place and occasionally struggled with his own privileged situation.

Even to those contemporaries who did not know him well, Paul will be remembered for his exploits with the College Boat Club. He had been an outstanding oarsman at school level in the Shrewsbury boat, but wanted to change direction at Oxford and rejected overtures to row competitively. He resolutely maintained this resolve until crisis hit the First VIII at Torpids in 1961, when the College Stroke suddenly became ill. Paul was at last persuaded to come to the rescue as his replacement, and in fairy tale fashion stroked St John's to become Head of the River. He was given a standing ovation at the subsequent Bump Supper.

On coming down from Oxford in 1962 Paul entered the family business, but it was entirely in character that he should decide after a year that his future in fact lay in teaching. He taught Modern Languages for four years at Newcastle Royal Grammar School, but then determined (again, entirely in character) to devote himself to the less privileged in the world of comprehensive schools. He spent the next 20 years at Sydney Smith High School in Hull, becoming Head of Languages and Acting Deputy Head. For most pupils who had never been abroad and who would in all probability leave school at age 15 to work, foreign languages were not high on the list of priorities. Paul nevertheless believed in the fundamental value of education, broadening horizons, arranging exchange programmes with German schools and creating interest and fun for students across the wide range of different abilities, always to be found within the comprehensive system.

A restructuring of education in Hull in 1988 found Paul moving across to Wyke Sixth Form College as Head of Humanities. Teaching was now generally at a higher level, and the spread of cultural awareness had a broader scope. For all students (not just those studying Modern Languages) Paul organised joint cultural events with schools in Germany, Belgium, Italy and Hungary.

Married to his German wife, Margrit, he was an ambassador for all the good things of Europe and it is not surprising that many years later when Britain voted for Brexit, that vote came as a major blow.

European though he was, Paul was also much involved in the cultural life of Hull. In extra-curricular activity he made his pupils aware of the heritage of their city and interested them actively in restoration projects of historic buildings. Sculpture, architecture and landscape design were his special interests, and in due course he became Chairman of the Civic Society. In his local parish of Swanland he was particularly influential serving as a Councillor and chairing both the Village Association and Village Hall Trust over many years. Paul died on 28 May 2017, having over recent months bravely endured the debilitating effects of mesothelioma. He leaves a widow, Margrit, children Oliver, Esther and Rebecca and four grandchildren. They were a devoted family.

NIGEL BARRIE REGINALD REEVES

Professor Nigel Reeves, OBE was born in 1939, and read for a DPhil in Modern Languages at St John's in 1966, after graduating from Worcester College. He died on 31 January 2018. The following appreciation has been written by friend and alumnus Sir David Dain (Lit. Hum., 1959).

A specialist in German and a stylish and creative thinker, Nigel Reeves believed strongly in the practical application of language studies. In the course of a successful academic career, Nigel looked always for means of furthering the public interest within his field, and for his achievements was awarded the OBE.

Born just weeks into the Second World War, Nigel would devote his professional life to conciliation with the country that had caused two catastrophic upheavals and to the understanding and promotion of German language and culture. After modern language studies at Merchant Taylors' School and graduating from Worcester College, Oxford University with a First Class degree, Reeves began his teaching career at the University of Lund as Lecturer in English. There he met his first wife. She, with their son Dominic and daughter Anna, survive him, living in Sweden.

Having gained his Doctorate at St John's, Nigel held successive distinguished academic posts in England, first at Reading University as lecturer in German. An Alexander von Humboldt Fellowship took him to Tübingen University in 1974, where he completed an acclaimed work on the poetry and politics of Heinrich Heine. There followed in 1978 publications on Friedrich Schiller and Heinrich von Kleist.

Nigel's first Professorship was at the University of Surrey from 1975 to 1990, where he was head of the Department of Linguistics and International Studies and Dean of the Faculty of Human Studies. It was now that Reeves developed his talent for relating academic excellence to practical matters such as business, law and the public promotion of European languages. His achievements were recognised by the award of the OBE in the New Year Honours of 1987.

His horizons widened to include other fields and institutions: Guest Professor at Royal Holloway College (London University), Visiting Professor at the European Business School, Senior Alexander von Humboldt Fellow at Hamburg University, Chairman of the Council of the Institute of Linguists, President of the National Association of Language Advisers and Chairman of the National Congress on Languages in Education. All showed his breadth of learning and determination to further the educational causes in which he so strongly believed. In Reeves' own words: 'A main target of German studies abroad must be to place students in the position to deal effectively in the German-speaking world'.

In 1990 Nigel moved to Aston University as Professor of German and Head of the Department of Modern

Languages. He would become Pro-Vice-Chancellor for External Relations, in which role he promoted study in Britain for foreign students, especially from the Far East. His high reputation led also to appointments at the Open University and the University of Buckingham.

Nigel was admired as a popular colleague and team worker, as shown by the wide variety of publications written in collaboration with fellow academics. These colleagues created a Festschrift in his honour in 1999: *Vermittlungen (Mediations): German Studies at the Turn of the Century*. In the same year he was awarded the Order of Merit from the German Government to add to the Goethe Medal he had received in 1989.

Those acquainted with his scholarship, German and British, have applauded his tireless work in advancing the careers of young academics and encouraging academia to recognise the need not only for intellectual development, but for preparation to engage with the wider world. For all his international interests, Nigel Reeves remained deeply rooted in English society and traditions. He was nowhere happier than at his beloved ancient house and garden, Hartlands, in the Malvern Hills.

THE REVEREND PROFESSOR MICHAEL SCREECH

Reverend Professor Michael Screech died on 1 June 2018 at the age of 92. We are grateful to Dr Matthew Nicholls (1996, Classics) and the Reverend Dr Liz Carmichael, Emeritus Research Fellow in Theology, for this appreciation.

St John's alumni will be sad to hear of the death of the Reverend Professor Michael Screech. Michael acted as locum chaplain at St John's in 2001, while Dr Liz Carmichael was on research leave. Though his tenure was short, he made many friends in the College, particularly among the chapel and the choir communities. He spent a lot of time in conversations after Sunday Formal Hall which are fondly remembered by his student congregation for their warmth and wide-ranging insights; many only gradually came to realise that this humble and kindly man, at that date in his mid-70s, who often said that he learned as much from talking to students as vice versa, had enjoyed a long and highly distinguished career as a scholar of French literature, was a *Chevalier* of the *Légion d'honneur*, and had written important books on Rabelais and Montaigne that some of them were using in their studies. He invited the College choir to sing an evensong at All Souls, where he was chaplain, and stayed in touch with many of his



congregation for years afterwards. His sermons were, like the man himself, learned, witty, eloquent and humane.

Reverend Dr Liz Carmichael notes that Professor Michael Screech had a particular fondness for the College because his sons Mathew (1979, Modern Languages) and Timon (1981, Oriental Studies) were St John's alumni. He also leaves behind a third son, Toby, who studied at Wadham. As well as his expertise in French literature, a topic he often mentioned in sermons was his post-war experience in the British Commonwealth Occupation Force in Japan, and in particular the impact on the Japanese of Christian ideas of forgiveness.

MICHAEL SEIFERT

Michael Seifert was born in July 1942, and came up to St John's with an Open Exhibition to read Modern History in 1960. He died in July 2017. The following appreciation was supplied by Professor Ervand Abrahamian (1960, Modern History).

Michael Seifert's gregarious, exuberant, jovial and ever-inquisitive personality was obvious from the very first week he arrived at St John's in 1960 having won an Exhibition at the age of 17 while still at Highgate School. He wasted no time in engaging in serious but lively conversations with all and sundry – with Senior Tutors as well as College Porters and Scouts, with Rhodes Scholars from Mississippi as well as law students from Trinidad, with Grammar School as well as Public School boys, with his own cohorts as well as older students who had completed their National Service. His Beehive room soon became the centre for all-night heated discussions on contemporary politics as well as arguments between 'Cromwellians' and 'Cavaliers'.

He attained additional fame when he had to sport his broken arm in a sling having fallen down a supposed 'stairway'. His family open-house in Highgate also became a home-from-home for many from St John's. There one could bump into luminaries from the previous decade – personalities such as Paul Robeson, Yvonne Kapp, John Bernal, Maurice Dobb, James Klugmann, Charlie Chaplin and refugees from the House Un-American Committee. Mike's personality came useful when driving across both Europe and North America. His method of finding good authentic food was to ask locals – preferably ones with felt caps – where they would eat if they wanted a good meal. This method obviously was more successful in Europe than in the American Midwest.

After Oxford, Mike took the bar; trained to be a solicitor under Lord Arnold Goodman; joined the family firm Sedley Seifert and Co; trained a host of young lawyers; and devoted his life working mostly on a pro bono basis for a host of progressive causes – for the labour movement, especially the National Union of Mineworkers during their 1984 strike, for peace organizations such as the Campaign for Nuclear Disarmament, for environmental organisations, particularly Greenpeace and Friends of the Earth, and, most importantly, for the Anti-Apartheid Movement in South Africa. In 1994 he was invited by the African National Congress to attend the inauguration of Nelson Mandela as President of South Africa.

Mike's memorial, held as a celebration of his fully-lived life, was held in Conway Hall in London on 1 March 2018. The double storm – Emma and the Beast from the East, prevented two of the main speakers, Lord Sedley and Sheila Rowbotham, from attending, but Gillian Slovo, Kate Hudson of CND, and a number of colleagues from the legal profession reminisced about Mike's love for sociability, good food and drink, art, music, poetry, especially Yeats, rambling, cricket and football, particularly Arsenal, as well as progressive political causes. The packed Conway Hall included a certain Jeremy Corbyn. Mike is survived by Lady Caroline Conran – his companion for the last 23 years, his sister Susan and brother Roger, and a host of nieces and nephews.

ROBERT CHARLES TOVEY

Robert Tovey was born in Kidderminster in 1958. He came up to St John's in 1976 to read Chemistry. He died on 9 September 2018. His brother James supplied the following appreciation.

Rob was the eldest of four children who first encountered Chemistry at King Charles Grammar School in Kidderminster. Despite getting only 4 out of 10 for his first two essays (as he said, who cares how Bunsen burners work anyway?), he got hooked on practical chemistry. Having become all-consumed by the thirst for chemical knowledge, all interest in reading teenage fiction disappeared to be replaced by his copy of Cotton & Wilkinson. O level, A level and an S level followed, leading inevitably to Oxford for his undergraduate degree and then DPhil. Rob described his DPhil as years of watching in despair as brown sludge formed in the bottom of a test tube but, just as he was giving up hope, the sludge was replaced by crystals and he succeeded.

A career beckoned and from his pick of employers on the milk round Rob chose to work for Unilever, moving later to Albright & Wilson and then onto the then DTI to work as the mad scientist in a team of civil servants. However none of these roles, or his later ones elsewhere, gave him the intellectual challenge he thrived on, and in his late forties he made a choice to walk away from corporate life.

He had had a lifelong love of travel and reinvented himself as an English teacher for overseas students. He set up base by the Black Sea in Bulgaria but spent most of his time teaching around the Middle East and North Africa. He started in Azerbaijan, then Libya – a stay that was rudely interrupted by the revolution that deposed Gaddafi, leading to an evacuation on HMS Cumberland by the Royal Navy – moving on to Saudi Arabia, then Oman, and finally Mauritania, where he was running the degree programme for the Higher Institute of English when he died suddenly at home. This constant travel helped Rob towards his ambition of visiting every country in the world – his tally had reached 106 countries, starting with Belgium in the 1960s and ending with Uganda, Rwanda and Djibouti in 2018.

Once he had moved away, Rob was looking for hobbies to occupy his mind. On a whim, he did a little bird watching in Azerbaijan and, despite being initially a little daunted by his very limited knowledge compared to the relative expertise of his companions, he persevered. In a short time Rob was hooked and had once again found a subject that inspired him in the way that Chemistry had earlier, and he threw himself at birding becoming, over the next decade, an acknowledged expert in the native birds of the Middle East and North Africa. Sometimes this involved spending time in vast open spaces around the world, more often it meant traipsing around sewage works and rubbish

dumps in 40 degree heat – but if there was a bird native to the country and he hadn't seen it before, then Rob was going to find it.

Robert is survived by his mother, two sisters and his brother and will be greatly missed by them and his many friends from all around the world.

CANON DAVID HARRY WHEATON

Canon David Harry Wheaton was born on 2 June 1930 and came up to St John's in 1949 with an Open Exhibition to read Classics. He died on 11 April 2018. The following appreciation was supplied by his daughter Mary.

Canon David was born in Abingdon (then in Berkshire), where his father edited the local newspaper. Educated at Abingdon School (where he was Head Boy), he won an Open Exhibition to St John's. He did his National Service training as an instructor with the Grenadier Guards and subsequently served as an NCO with the Wiltshire Regiment.

At Oxford he gained second class honours in both parts of the Classics course and then proceeded to study for a London (external) BD at the London Bible College where he met his future wife, (Helen) Joy Forrer. In his second and final year he was invited to teach New Testament Greek part-time at Oak Hill Theological College and this became a full-time appointment on his graduation. He and Joy married in 1956, and in 1959 he was ordained by the Bishop of London to a part-time curacy in the neighbouring parish of Christ Church, Cockfosters. This was the beginning of 23 years of parochial ministry and 23 years of theological teaching.

In 1962 they moved to a rural incumbency at Ludgershall in the Vale of Aylesbury, where David also served as deanery youth chaplain and deputy chaplain to HM Prison, Grendon. Four years later he was called to the parish of St Paul, Onslow Square, South Kensington, where the congregation of 400 included 200 18–35 year-old students and young graduates living in flats, hostels and bed-sits in the area. To serve their needs the church site was redeveloped and a Victorian church hall was demolished to make way for a coffee bar where cooked meals were served on a Friday evening and a lunch club for the elderly met weekly. To this charge was added the chaplaincy of the neighbouring Brompton Hospital, and David and his curates shared in visiting patients and staff

and inviting requests for music and testimonies for the programme they produced on the hospital radio system.

By this time they had added two children, Mary and Mark, to their family and a second daughter, Joanna, was born in their first year in London.

In 1971 when Maurice Wood, who was well-known for his evangelistic ministry, particularly among students, was appointed Bishop of Norwich, David was invited to succeed him as Principal of Oak Hill. At that time the College was threatened with closure as it had only 48 ordinands against an agreed quota of 72. As he arrived both the Vice-Principal and Senior Tutor advised that they would wish to leave at the end of the academic year. The appointment of Geoffrey Shaw (later Principal of Wycliffe Hall, Oxford) and Ian Cundy (later Warden of Cranmer Hall, Durham, and Bishop of Peterborough) strengthened the staff team, and in 1976 Stuart Blanch (Archbishop of York and Chairman of the Advisory Council for the Church's Ministry) reprimanded David for exceeding his quota with 76 students.

During this period the college gained validation for its courses with the Council for National Academic Awards who allowed the conferment of a Diploma in Higher Education and BA Degree to successful candidates, and today the college makes its awards through Middlesex University, to which it is affiliated. David's work at Oak Hill was recognised by Robert Runcie (then Bishop of St Albans) who appointed him to an honorary canonry of his cathedral.

In 1986 he returned to parochial ministry at Christ Church, Ware, where he was also for three years Rural Dean of Hertford. Here he established a church plant in a school in an unchurched part of the parish. From 1990 to 2000 he served as a chaplain to Her Majesty the Queen, and for 15 years he chaired Selection Conferences for men and women who were exploring a call to the ordained ministry.

In retirement, first to Chesham in Buckinghamshire, and subsequently to Blandford Forum in Dorset, he continued his ministry of preaching and teaching the Bible until well into his eighties. In all his ministry he was ably supported by his wife, Joy, who predeceased him in 2014.



COLLEGE RECORD

FIRST IN FINAL HONOUR SCHOOLS 2018

James Duncan Alster, Literae Humaniores
Peter Beardsmore, Chemistry
Jacob Thomas Bloodworth-Howson, Engineering Science
Jacob Brennan, Modern Languages
Hadassah Buechner, Neuroscience
Isabella Carrington, Geography
Crystal Chan, Chemistry
Louise Victoria Chegwidan, Modern Languages
Leanne Chen, Jurisprudence
Ben Joseph Dominic Conroy, Philosophy, Politics and Economics
Christopher James Donaghey, Jurisprudence
Joseph Douglas, Human Sciences
Laura Drummond, Geography
Evelyn Sarah Margriet Earl, History of Art
Arran Elcoate, History
Solly Elstein, Psychology, Philosophy and Linguistics
Edward John Evans, Literae Humaniores
Eoin Finnegan, Engineering Science
Marius Benedikt Gass, Jurisprudence with Law Studies in Europe
Thomas George Gate, Biochemistry
Ssuuna Golooba-Mutebi, Literae Humaniores
Alistair Robert Hankey, History
Christian David Harding, Biological Sciences
Karen Clare Heathcote, Chemistry
William Jenkyn-Jones, English
Caitlin Megan Jones, Modern Languages
Emma Charlotte Jones, Biochemistry
Michal Maclej Kreft, Mathematics and Computer Science
Kai Laddiman, Mathematics and Computer Science
Christopher Little, Chemistry
Jennifer Natalia Long, Music
Rory Maclean, Classical Archaeology and Ancient History
Rachel Emily Maddox, Experimental Psychology
Bruno Marinic, Chemistry
Noah Mason, Psychology, Philosophy and Linguistics
Clarissa Mayhew, English
Daniel James Mead, History and Economics
Pavlena Veselinova Nenova, Mathematics and Computer Science
Andrew David Shrimpton Phillips, Classics and Oriental Studies
Oscar Plomer-Roberts, English
Aimee Jaye Ross, Physics (MPhys)
Tereza Ruzickova, Experimental Psychology
Jack Segal, Physics (MPhys)

Yusra Fatimah Shammoo, Medicine
Maya Catherine Siriwardena, Experimental Psychology
Daisy Elizabeth Smith, Fine Art
Daniel John Christopher Sowood, Chemistry
Rhys James Steele, Mathematics (MMath)
Charles Jonathan Styles, Philosophy and Theology
Daniel Sutton, Ancient and Modern History
Kah Hong Tai, Engineering Science
Teck Wei Tan, Philosophy, Politics and Economics
Philipp Thumfart, History
Mary Ellen Tims, Jurisprudence with Law Studies in Europe
Henry Tudor Pole, History of Art
Angus Tyrrell, Jurisprudence
Aleksander Ulatowski, Physics (MPhys)
Yiliu Wang, Mathematics & Statistics
Amelia Wrigley, English
Wonsuk Yang, Mathematics (BA)

DISTINCTION OR FIRST CLASS IN PUBLIC EXAMINATIONS 2018

Erin Rachel Ailes, Classical Archaeology and Ancient History
Anjali Anicatt, History
Kathryn Annesley, Chemistry
Benjamin Karel Bedert, Mathematics
Astrid Christiane Ingemann Breitenstein, Human Sciences
Samuel Burns, History
Stefan Lucas Clarke, Mathematics
Elizabeth Rose Coyle, Classics
Alfred George Deere-Hall, History
Benedict James Gardner, Geography
Matthew James Hopkins, Physics
Isobel Howard, Human Sciences
Megan Summa James, Human Sciences
Leo Kadokura, English
Taavet Kalda, Physics
Isobel Lucy Kent, Modern Languages
Yong Min Kwon, Biochemistry
Jan Tomasz Lebioda, Mathematics and Computer Science
Brian Kar Wai Leong, Mathematics and Statistics
Diamor Marke, Mathematics and Statistics
Eve Sonja Miles, Modern Languages
Helena Murphy, Oriental Studies (Arabic and Islamic Studies)
Violeta Nikolaeva Naydenova, Mathematics
Elvi Nimali, Biochemistry

William Orbell, Chemistry
Tobias Paterson, Ancient and Modern History
Dimitar Zdravkov Ruzhev, Engineering
Arun Soor, Mathematics
Nathan Paul Spiller, Engineering
Ana Stuhec, Chemistry
Harry Sugden, Geography
Albany Summers, Chemistry
Emma Anne Swift, Biomedical Sciences
Sebastian Towers, Mathematics and Computer Science
Georgiana Wilson, History of Art
Håvard Yttredal, Philosophy, Politics and Economics
Pengcheng Zhang, Mathematics
Guo Zheng, Physics

UNDERGRADUATE SCHOLARS 2018–2019

Feyifoluwa Hannah Adegbite, History and Modern Languages
Erin Rachel Ailes, Classical Archaeology and Ancient History
Oluwakanyinsola Partrick Akinwuntan, Engineering Science
Anjali Anicatt, History
Kathryn Annesley, Chemistry
Harriet Cordelia Jane Aspin, History of Art
Alastair Baldry, Chemistry
Benjamin Karel Bedert, Mathematics
Gareth Bird, Physics
Astrid Christiane Ingemann Breitenstein, Human Sciences
Oliver Brown, Engineering
Samuel Burns, History
Cas Burton, Mathematics
Stefan Stanislaw Korycinski Butler, European and Middle Eastern Languages
Alice Eileen Cambridge, Modern Languages and Linguistics
Anton Charman, Engineering Science
Ee Hsiun Chong, Jurisprudence
Stefan Lucas Clarke, Mathematics
Clarissa Sakura Costen, Physics
Elizabeth Rose Coyle, Classics
Alfred George Deere-Hall, History
Cameron Scott Di Leo, English and Modern Languages
Joseph Elliott, Chemistry
Alice Eva, Modern Languages and Linguistics
Marco Samuel Fabus, Physics
Noah Francis, Chemistry

Caitlin Elizabeth French, Physics
Oliver French, Archaeology and Anthropology
Benedict James Gardner, Geography
Marius Gavrilescu, Computer Science
Andrew Patrick Grassick, Physics
Danielle Christine Green, Philosophy and Modern Languages
Benjamin Hansard, Engineering Science
Daniel Alexander Haywood, English
Greg James Henderson, Physics
Jonathan Luke Henry, Theology and Religion
Leonhard Hochfilzer, Mathematics
Matthew James Hopkins, Physics
Lee Horn, Mathematics and Philosophy
Isobel Howard, Human Sciences
Gregory Howgego, Medicine (pre-clinical)
Christopher Robert Hughes, Mathematics
Megan Summa James, Human Sciences
Christine Jiang, History and Politics
Leo Kadokura, English
Taavet Kalda, Physics
Daniel Timothy Kent, Mathematics
Isobel Lucy Kent, Modern Languages
Dina Khadum, European and Middle Eastern Languages
Xenia Knoesel, Philosophy, Politics and Economics
Yong Min Kwon, Biochemistry
Beatrice Angharad Law, History of Art
Jan Tomasz Lebioda, Mathematics and Computer Science
Brian Kar Wai Leong, Mathematics and Statistics
Hay yuen Michael Lo, Philosophy, Politics and Economics
Diamor Marke, Mathematics and Statistics
Jennifer Massingham, Engineering Science
Nyasha Mbewe, Modern Languages
Eve Sonja Miles, Modern Languages
Kezia Isobel Marylla Milligan, Oriental Studies
Isabella Morris, English
Jennifer Ann Moulds, Modern Languages
Helena Murphy, Oriental Studies (Arabic/Islamic Studies)
Violeta Nikolaeva Naydenova, Mathematics
Elvi Nimali, Biochemistry
Emily Saraswati Notowidjojo, Biochemistry
Sebastian Brian Orbell, Chemistry
William Orbell, Chemistry
Patrick Osborne, Engineering
Tobias Paterson, Ancient and Modern History

Frederick Pringle, Mathematics
 Adrian-Mihai Radu, Engineering Science
 Andrei Raducea-Marin, Mathematics
 Alexander Rice, Mathematics and Computer Science
 Emma Richards, Classics
 Maxim Robertson, Physics
 Lakeem Lane Stephen Rose, English
 Edward Rowe, Physics
 Dimitar Zdravkov Ruzhev, Engineering Science
 Edward James Sandford, Geography
 Ishta Sharma, Medicine
 Cara Shearer, Philosophy, Psychology and Linguistics
 Adam James Sills, Chemistry
 Charles Robert Sims, Chemistry
 Arun Soor, Mathematics
 Nathan Paul Spiller, Engineering Science
 Akasha Philip Strub, Engineering
 Ana Stuhec, Chemistry
 Harry Sugden, Geography
 Albany Summers, Chemistry
 Emma Anne Swift, Biomedical Sciences
 Martin Duy Tat, Physics
 Clare Mary Tierney, Modern Languages
 Teo Todorov, Mathematics
 Sebastian Towers, Mathematics and Computer Science
 Benjamin Towle, Classics
 George Umbrurescu, Chemistry
 William George Underwood, Mathematics
 Sophia Romana Vaughan, Physics
 Zhi Wang, Philosophy, Politics and Economics
 Matthew Ward, Music
 Benjamin Wilding, Chemistry
 Alexander Wilson, Music
 Georgiana Wilson, History of Art
 Chui Yan Yeung, Jurisprudence
 Mingyang Yi, Psychology, Philosophy and Linguistics
 Håvard Yttredal, Philosophy, Politics and Economics
 Pengcheng Zhang, Mathematics
 Guo Zheng, Physics

UNIVERSITY PRIZES 2017–2018

These are the prizes of which the College has been notified to date:

Oluwakanyinsola Patrick Akinwuntan, Gibbs Prize for best performance in the FHS of Engineering Science, Parts A & B combined

James Duncan Alster, Gaisford Undergraduate Essay Prize for best thesis in Greek language and literature in FHS of Literae Humaniores, Classics and English, Classics and Modern Languages, and Classics and Oriental Studies

Benjamin Karel Bedert, IBM Prize for excellent performance in the Preliminary Examination in Mathematics

James Scott Broadhead, Gibbs Prize award for the Physics BA Group Project Presentations

Ben Joseph Dominic Conroy, Elizabeth Anscombe Prize for best undergraduate thesis in Philosophy at Finals

Elizabeth Rose Coyle, De Paravicini Prize for best overall performance by a Course II student in Honour Moderations in Classics

Domenico Giordani, Chancellor's Latin Verse Prize 2018

Ssuuna Golooba-Mutebi, 2nd De Paravicini Prize for best overall performance by a Course II student in the FHS of Literae Humaniores, and the Arnold Ancient History Prize for best performance in the Ancient History written papers in the FHS of Literae Humaniores, Ancient and Modern History and Classical Archaeology and Ancient History

Andrew Hanna, Law Faculty Prize in Comparative Public Law

Karen Clare Heathcote, Organic Chemistry and Chemical Biology Part II Thesis Prize

Megan Summa James, Gibbs Book Prize for performance in Preliminary Examination in Human Sciences

William Jenkyn-Jones, Gibbs Prize for distinguished performance in FHS in English Language and Literature

Emma Charlotte Jones, Biochemical Society Prize, and a FHS Part II Research Project Prize in Molecular and Cellular Biochemistry

Isobel Lucy Kent, Claude Massart Prize for best performance in French Literature in Prelims

Jan Lebioda, Gibbs Prize for Mathematics and Computer Science for performance in Computer Science papers in Prelims

Shu Fei Lim, Law Faculty Prize for Civil Dispute Resolution

Christopher Little, Part II Physical and Theoretical Chemistry Thesis Prize

Rory Maclean, Thomas Whitcombe Greene Prize for best overall performance in written papers in Classical Art or Archaeology in the FHS of Literae Humaniores, Ancient and Modern History, and Classical Archaeology and Ancient History

Bruno Marinic, 3rd Prize GlaxoSmithKline Award in Organic Chemistry Part II

Daniel Mead, Hicks/Webb Medley prize for best overall performance in Economics and Gavin Cameron Memorial Prize for best performance in Econometrics

Oscar Plomer-Roberts, Gibbs Prize for distinguished performance in FHS in English Language and Literature

Alexander Rice, The British Telecom Research and Technology Prize for Mathematics and Computer Science for best overall performance with special regard for computer science papers in the FHS in Mathematics and Computer Science (Parts A & B)

Dimitar Zdravkov Ruzhev, Gibbs prize for best performance in preliminary examination in engineering science

Tereza Ruzickova, Gibbs Prize for best overall performance in FHS of Experimental Psychology and Examiners' Congratulatory First for excellent achievement in FHS of Experimental Psychology

Rhys Steele, Gibbs Dissertation Prize, FHS Mathematics (Part C)

Isabella Daisy Rachael Stephens, Turbutt Prize for 1st Year Practical Organic Chemistry performance

Emma Anne Swift, Gibbs Prize for performance in Biomedical Sciences Prelims

Martin Duy Tat, Gibbs Prize for practical work in the FHS Part A in Physics

Philipp Thumfart, Gibbs Book Prize for performance in FHS in History

Angus Tyrrell, Gibbs Prize (Proxime Accessit) for performance in Law FHS, and Slaughter and May Prize in Contract Law

Sophia Romana Vaughan, Gibbs Prize for practical work in the FHS Part A in Physics

Wonsuk Yang, Junior Mathematical Prize for excellent performance in FHS Mathematics (Parts A & B)

UNIVERSITY COMMENDATION

Beatrix Olivia Alice Banks, Examiners Congratulatory Letter for excellent performance on the Population Health 1: Medical Sociology paper in the First BM Part 1

COLLEGE PRIZES 2017-18

Erin Rachel Ailes, jointly awarded 2018 Ancient History Prize

Dhruva Bhat, jointly awarded 2018 Burke Knapp Travel Scholarship

Jed De Ruiter Swain, awarded Dr Raymond Lloyd Williams Prize (Biochemistry)

Joseph Elliott, awarded Dr Raymond Lloyd Williams Prize (Chemistry) and jointly awarded Christopher Coley Prize

Ssuuna Golooba-Mutebi, jointly awarded 2018 Ancient History Prize

Matthew Hoyle, awarded Sir Roy Goode Prize 2018

Hannah Jeffery, jointly awarded DL Davies Bursary

Alexander Portnoy Noar, jointly awarded 2018 Burke Knapp Travel Scholarship

Joseph Julius Price, Peter Fan Support Award Prize 2018

Yusra Fatimah Shammoon, jointly awarded DL Davies Bursary

Clare Mary Tierney, awarded 2018 Hanlon Prize

George Umbrurescu, jointly awarded Christopher Coley Prize

CHORAL SCHOLARS 2017-2018

Henry Cole

Elizabeth Bryson Davis

William George Underwood

IOAN AND ROSEMARY JAMES UNDERGRADUATE SCHOLAR

Zhang Pencheng, Mathematics (2017-18)

Yiming Tang, Mathematics (2018-19)

GRADUATE DEGREES CONFERRED 2017-2018

Doctor of Philosophy

Shams Tania Afroza Islam, 'The Catalytic Properties of Fe-S Cluster Containing Enzymes'

John-Mark Andrew Allen, 'Reality, Causality, and Quantum Theory'

Christina Yiling Aye, 'The influence of pregnancy complications on fetal and neonatal cardiovascular development'

Stephanie Anne Bell, 'Knowing Politics: Knowledge and Democratic Citizenship in South Africa's Education System'

Florian Bonkhofer, 'Identification of Novel Runx1 Targets involved in HSC Development'

Lisa Jay Choi, 'New Songdo City, or, the Potentiality of Asian Urbanism(s)'

Emma Claussen, 'A study of the term Politique and its uses during the French wars of religion, c.1562–98'

Caitlin Clunie-O'Connor, 'Utilising High Throughput Screening Techniques to Identify Small Molecule Activators of the Epicardium'

Anna Maria Lara Coenen-Stass, 'Investigation of extracellular microRNAs and serum protein biomarkers in dystrophic muscle disease'

Nicholas Mark David Cooper, 'Are interpretations of syntactic ambiguities under working memory load "good-enough"? Evidence from eye movements'

Jonathan Albert Daly, 'Video camera monitoring to detect changes in haemodynamics'

Miguel Goncalo De Oliveira Jones Ferrao Lobo, 'Role of PDE2A in cAMP/PKA signalling compartmentalization'

Petra Fischer, 'Neuronal dynamics of flexible motor control in the human subthalamic nucleus and cortex'

Matthew Charles Frise, 'Iron deficiency and human hypoxia physiology'

Andreas Nikolaos Gkempel Magkakis, 'Counting, Modular Counting and Graph Homomorphisms'

Juliane Qiaochu Gong, 'Excitation delocalization in porphyrin nanorings'

Benjamin Stephen Grandey, 'Investigating Aerosol-Cloud Interactions'

Luiz Guilherme Guidi, 'Functional characterisation of dyslexia-susceptibility candidate genes KIAA0319 and KIAA319L'

Ross Anthony Haines, 'Simultaneous Reconstruction of Spatial Frequency Fields and Field Sample Locations'

Flora Alice Kennedy McConnell, 'Quantifying collateral flow pathways in the brain'

Priscila Kienteca Lange, 'Putting marine microbes on the map: determining the global distribution of marine picophytoplankton using a combination of satellite and field data'

Frederic Jasper Kunstreich, 'The Social and Legal Process of Bankruptcy in Germany, 1815–1870'

Qian Li, 'Electrochemical Reduction of Oxygen'

Qianqi Lin, 'Electroanalysis of Solid Particles'

Michael Patrick Mackley, 'A clinical and ethical evaluation of secondary findings in the era of clinical whole-genome sequencing'

Ain Andreas Neuhaus, 'The Effects of Cerebral Ischaemia on Pericytes and Neurovascular Function'

Rita Nissim, 'Electroanalysis via Accumulation'

Andreas Nunnenkamp, 'Strong Correlations in Ultracold Atomic Gases'

Stefano Ortona, 'Easing Information Extraction on the Web through Automated Rules Discovery'

Robert Alexander Owen, 'Development and Application of speleothem-based proxies for Past Climate Change'

Jonas Probst, 'Applications of the Gauge / Gravity Duality'

Joseph Weje Riley, 'Hedging Engagement: America's Neoliberal Strategy for Managing China's Rise in the Post-Cold War Era'

Brett Alyson Rosenberg, 'Ideo-Affective Politics and the Construction of US Foreign Policy'

Anna Katarzyna Socha, 'A role of Werner Helicase Interacting Protein 1 in the Fanconi Anemia DNA repair pathway'

Stanislav Sokolov, 'Electrode-particle impacts'

Seo Ho Song, 'Investigation of the Molecular Machinery Underlying Sleep Homeostasis in *Drosophila Melanogaster*'

Jake Patrick Taylor-King, 'An Interacting Particle Approach to Problems in Cancer: Osteocyte Network Formation and Histology Analysis'

Jonathan Templeman, 'Descartes and Education: Risk and Reception, 1637–48'

Olga Tkachenko, 'Polydisperse Chaperone Proteins and the Mechanisms by Which They Inhibit Aggregation'

Christopher David Turnbull, 'CPAP withdrawal as a model of the cardiovascular effects of obstructive sleep apnoea'

Anna Zawilska, 'An Ethnomethodologically-Informed Study of Interaction in the MOOC'

Master of Science

Nicholas Mark David Cooper, Psychological Research
Jin Cui, Environmental Change and Management
Noriyuki Fukui, Global Governance and Diplomacy
Eve Rebecca Guz Twivy, Psychological Research

Master of Science by Research

Elliot Akama-Garren, Clinical Medicine
Emily Jane Brooke, Inorganic Chemistry
Maximilian Schuessler, Pharmacology

Master of Letters

Nnenna Jean Lynch



Master of Philosophy

Stephanie Anne Bell, Development Studies
Alexandra Grace Magnani, Classical Archaeology
Aven Peter Satre Meloy, Environmental Change and Management
Ashley Elizabeth Orr, Economics
John Christian Ruckelshaus IV, Politics: Political Theory
Evan Joseph Soltas, Economics
Trevelyan Sherman Wing, Environmental Change and Management

Master of Studies

Hannah Armstrong, English (650–1550)
Frances Luise Belsham, History of Art and Visual Culture
Isabel Budleigh, British and European History (1500–present)
Charles Parker Clegg, Theology
Emily Jane Cox, History of Art and Visual Culture
Nicola Gay Fitzgerald, History of Art
Alexander Patrick Fyfe, English (1900–present)
Susan Zhang Maginn, English (1900–present)
Hannah Gabrielle Schneider, Music
Josefina Alejandra Troncoso, Medieval Studies

Master of Business Administration

Ravit Madan
Stefanus Johannes Bekker

Master of Public Policy

Harjeevan Singh Narulla

Bachelor of Civil Law

Andrew Hanna

Magister Juris

Luciana Maria Moron

Bachelor of Medicine and Bachelor of Surgery

Anni Ding
Hannah Jeffery
Alexander Portnoy Noar
Joseph Julius Price
Alexander James Frederick Thurston

Bachelor of Philosophy

Juliana Gomez Puerta

NAMED AWARD SCHOLARS 2018–19

450th Anniversary Fund Scholars

Francesco Bianchini, Oriental Studies (joint with AHRC)
Krzysztof Jan Ciosmak, Mathematics (joint with EPSRC)
Friederike Hillemann, Environmental Research (joint with EPSRC)
Rose Elizabeth Hodgson, Clinical Medicine (joint with MRC)
Myfanwy James, International Development (joint with ESRC)
Andreas Kjær, Interdisciplinary Bioscience (joint with MRC)
Pol Hernandez Llado, Synthesis for Biology and Medicine
(Joint with EPSRC)
Victoria Louise Pike, Interdisciplinary Bioscience
(joint with EPSRC)
Tereza Miketa, Psychiatry (joint with MRC)
Alice Watson, Geography and the Environment (joint with ESRC)
Alexander Antonius Wulfers, History (joint with AHRC)
Yining Yang, Synthesis Biological Chemistry (joint with EPSRC)

Lamb & Flag Scholars

Eleanor Baker, English (joint with AHRC)
Rebecca Buxton, International Development (joint with ESRC)
Lucian Frederick George, History (joint with ESRC)
Zack Porter Gandhi Grant, Politics (joint with ESRC)
Alexandra Rowan Hibble, Experimental Psychology
(joint with MRC)
Helena Cecilia Lovisa Karlsson, Interdisciplinary Bioscience
(joint with EPSRC)
James Linyard, Interdisciplinary Bioscience (joint with EPSRC)
Rosemary Ann McMahon, Music (joint with AHRC)
Miriam Pfister, Experimental Psychology (joint with ESRC)
Tomos Potter, Environmental Research (joint with EPSRC)
Alesia Preite, Philosophy (joint with AHRC)
Lola Salem, Music (joint with AHRC)

Ioan and Rosemary James Graduate Scholars

Patric Bonnier, Mathematics (Joint with Mathematical Institute)
Sabrina Chou, Fine Art (joint with Clarendon)
Hira Javaid, Oncology (joint with Clarendon)
Saad Labyad, Mathematics
Diego Berdeja Suárez, Mathematics
Jan Paul Steinebrunner, Mathematics (Joint with
Mathematical Institute)

Angus McLeod Scholar

Ivan Lavander Candido-Ferreira, Medical Sciences
(joint with Oxford University)

Lester B Pearson Scholar

Jonathan David Goldner-Jacobs, Archaeology
(joint with Oxford University)

Nicholas Bratt Scholar

Edward Oliver David Love, Oriental Studies
(joint with Oxford University)

Yungtai Hsu Scholar

Bardia Monavari, Environmental Change and Management

Kendrew Scholars (all joint with Clarendon Scholarship)

Melis Anaturk, Psychiatry
Helio Cuve, Experimental Psychology
Dritero Demjaha, Theology
Saeed Mahdisoltani, Theoretical Physics
Quijie Shi, Geography and the Environment
Erika Vega Gonzalez, Music

North Senior and Beeston Scholars

Sebastian East, Engineering (North Senior)
Emma Howard, Geography and the Environment (North Senior)
Edward Oliver David Love, Oriental Studies (Beeston)
Harrison Callum Bertram Steel, Engineering (North Senior)

St John's Alumni Fund Scholars

Brook Anthony Andrew, Fine Art (Aurora Project)
Gwen Simmons Antell, Earth Sciences (joint with
Clarendon Scholarship)
Sarah Catherine Bourke, Anthropology (Aurora Project)
Joshua Michael Calder-Travis, Experimental Psychology
(joint with ESRC)
Rachel Coombes, History of Art (joint with AHRC)
Aidan Gomez, Computer Science
Ioana Grigoras, Clinical Neurosciences
Jan Grohn, Experimental Psychology (joint with MRC)
Soufiane Hayou, Statistics (joint with EPSRC)
Pablo Infante Amate, Music (joint with Clarendon Scholarship)
Gabriella Kountourides, Anthropology (joint with ESRC)

Young Seok Lee, Biochemistry (joint with Clarendon Scholarship)
Asher Leeks, Systems Biology (joint with Clarendon Scholarship)
Amadeo Minichino, Psychiatry (joint with MRC)
Jana Muschinski, Anthropology
Adam Michael Packer, Geography and The Environment
(joint with ESRC)
Adam Prosimski, Partial Differential Equations (joint with
Clarendon Scholarship)
Hayley Georgina Ross, History (joint with Clarendon Scholarship)
Roman Dariusz Stasinski, Statistics (joint with EPSRC)
Kristýna Zoé Syrová, Medieval and Modern Languages
(joint with AHRC)
Szilvia Szanyi, Theology (joint with AHRC)
Collis Tahzib, Philosophy (joint with Clarendon Scholarship)

SENIOR MEMBERS 2018–2019

Members of Governing Body

Margaret Jean Snowling, CBE (BSc Brist, PhD UCL), FAcSS,
FBA, FMedSci, Professor of Psychology, President

John Anderson Kay, MA, (MA Edin), FBA, Supernumerary Fellow
in Economics and Investment Officer

Malcolm Davies, MA, DPhil, Tutor and Associate Professor
in Classics

Charles James Keith Batty, MA, MSc, DPhil, Tutor in Mathematics
and Professor of Analysis, Statutes Officer

Richard Guy Compton, MA, DPhil, Tutor in Chemistry, Professor
of Chemistry and Aldrichian Praelector in Chemistry

Simon John Whittaker, MA, DPhil, DCL, Tutor in Law, Professor
of Comparative European Law and Steward of High Table

Alan Grafen, MA, MPhil, DPhil, FRS, Tutor in Quantitative Biology,
Professor of Theoretical Biology, and Steward of Common Room

Anthony Robin Weidberg, MA, DPhil, (BSc Lond., PhD Cantab.),
Tutor in Physics and Professor of Particle Physics, IT Fellow

Andrew John Parker, (MA, PhD, ScD Cantab.), FSB, Tutor in
Physiology and Professor of Physiology, Principal Bursar

Fraser Andrew Armstrong, MA (BSc, PhD Leeds) FRS, Tutor
in Inorganic Chemistry and Professor of Inorganic Chemistry,
Fellow for Research

Stephen John Elston, MA, (BSc, PhD Exeter), Tutor in Engineering
Science and Professor of Engineering Science

Catherine Whistler, MA, (PhD National University of Ireland),
Supernumerary Fellow in Art History, Professor of the History of
European Art and Keeper of Western Art at the Ashmolean Museum

Lionel Tarassenko, CBE, MA, DPhil, CEng, FIET, FMedSci, FEng,
FIEE, Professorial Fellow in Electrical and Electronic Engineering
and Director, Institute of Biomedical Engineering

Paul Philip Craig, Hon QC, MA, BCL, FBA, Professorial Fellow
in English Law and Information Reviewer

Zoltán Molnár, MA, DPhil, (MD Szeged), Tutor in Human
Anatomy and Professor of Developmental Neurobiology,
Sports Fellow

Mark Cannon, MA, MEng, DPhil, (SMMech, MIT), Tutor and
Associate Professor in Engineering, Establishment Bursar and
Domestic Bursar

Kate Anne Nation, MA, (BSc, PhD York), Tutor in Psychology
and Professor of Experimental Psychology

Walter Mattli, MA, (BA University of Geneva, MA New York, PhD
Chicago), Tutor in Politics and Professor of International Political
Economy, Estates Bursar and Deputy Bursar

Philip Kumar Maini, MA, DPhil, FRS, Professorial Fellow in
Mathematical Biology, Vice-President Domus and Fellow for
Ethnic Minorities

Carolyne Ann Larrington, MA, DPhil, Tutor in English, Professor
of Medieval European Literature and Vice President Academic

William Hadden Whyte, MA, MSt, DPhil, FRHistS, FSA, Tutor in
History, Professor of Social and Architectural History and TW Editor

Daria Martin, (BA Yale, MFA California), Supernumerary Fellow in
Fine Art and Professor of Art

Alison Hills, MA, (BA, PhD Cantab.), Tutor in Philosophy and
Professor of Moral Philosophy

Rosalind May Harding, MA, (BSc Brisbane, PhD La Trobe),
Tutor and Associate Professor in Human Sciences, Keeper of
the Groves and Secretary to Governing Body

Heather Bouman, MA, (BSc Guelph, MSc, PhD Dalhousie),
Supernumerary Fellow and Associate Professor in Biogeochemistry

Nicholas Paul Harberd, (MA, PhD Cantab.), FRS, Professorial
Fellow and Sibthorpe Professor of Plant Sciences, Keeper of
Bagley Wood

Simon Robert Myers, MMath, DPhil, Supernumerary Fellow
in Bioinformatics

Alastair Ian Wright, MA, (BA Cantab., MA Minnesota, PhD
Columbia), Tutor and Associate Professor in History of Art, Fellow
Librarian, Keeper of the Archives, Keeper of the Laudian Vestments

Andrei Starinets, (CandSci, Dipl Moscow, PhD New York),
Tutor and Associate Professor in Physics

Jason Schnell, (BS Minnesota, PhD Scripps Institute La Jolla),
Tutor and Associate Professor in Biochemistry



Theresa Burt de Perera, DPhil, (BSc Wales), Tutor and Associate Professor in Zoology

Sally Jayne Layburn, MA, FCA, Supernumerary Fellow and Finance Bursar

Mohammed-Salah Omri, (Maîtrise Tunis, MA, PhD St Louis, Missouri), Tutor in Arabic Language and Literature, Professor of Arabic and Comparative Literature

Hannah Skoda, BA, MSt, DPhil, (DEA Paris), Tutor and Associate Professor in History and Keeper of the Silver

Nikolaj D'Origny Lübecker, (DEA Paris, MA Copenhagen, PhD Paris), Tutor in French, Professor of French and Film Studies and Fellow for Graduates

Patrick Ronald Hayes, MA, MPhil, DPhil, Tutor and Associate Professor in English, Senior Dean

Angela Russell, MChem, DPhil, Bernard Taylor Fellow, Tutor in Chemistry, Professor of Medicinal Chemistry and Safety Officer

Charles Richard James Carruthers Newton, MA (MB ChB, MD Cape Town), FRCPCH, MRCP, Professorial Fellow and Cheryl and Reece Scott Professor of Psychiatry

Georg Gottlob, MA (MSc, PhD TU Wien), FRS, Professorial Fellow in Informatics

Richard Edwin Ekins, BCL, MPhil, DPhil (BA, LLB, BA Auckland), Tutor and Associate Professor in Law and Data Protection Officer

Jan Krzysztof Oblój, (MSc, MA Warsaw, MSc Paris VI, PhD joint Paris VI and Warsaw), Tutor and Professor in Mathematics, Pinkernes

Georgy Kantor, MA, MPhil, DPhil, (MA RSUH Moscow), Clarendon Fellow, Tutor and Associate Professor in Ancient History, Keeper of the Pictures

Barry Murnane, (BA Trinity Dublin, PhD Göttingen), Clarendon Fellow, Tutor and Associate Professor in German

Jason Stanyek, (BM City University of New York, MA, PhD University of San Diego), Tutor and Associate Professor in Ethnomusicology, Music and Visual Arts Officer

Julia Margaret Bray, MA, DPhil, Professorial Fellow and Laudian Professor of Arabic

Dominic Peter Kwiatkowski, MA (MB, BS London), FRCP, FRCPCH, FMedSci, FRS, Professorial Fellow in Genomics and Global Health

Katherine Emma Southwood, MSt, DPhil, (BA Durham), Tutor and Associate Professor in Theology and Religion, Fellow for Women

Jaideep Jagdeesh Pandit, MA, BMBCh, DPhil, FRCA, FFPMRCA, DM, Supernumerary Fellow, Professor and Consultant Anaesthetist

Zuzanna Olszewska, MSt, DPhil (BA, Harvard), Tutor in Archaeology and Anthropology and Associate Professor in Social Anthropology

Sir Rory Edward Collins, (BA George Washington University, MSc Oxon, PhD London), FMedSci, FRS, Professorial Fellow, BHF Professor of Medicine and Epidemiology and Head of Nuffield Department of Population Health

Ian Thomas Klinke, (BA Maastricht, MA, PhD London) Tutor and Associate Professor in Human Geography

Lloyd Pratt, (BA Louisiana, MA Temple, PhD Brown), Professorial Fellow and Drue Heinz Professor of American Literature

Christopher John Beem, (BSc, MSc Stanford, MA, PhD Berkeley), Tutor and Associate Professor in Mathematics

Luca di Mare, (Laurea Naples, PhD Imp), Tutor in Engineering and Associate Professor in Engineering Science

Gillian Rose, (BA Cantab., PhD Lond) FBA, Professorial Fellow in Geography, Professor of Human Geography

Stefan Martin Kiefer, (PhD Munich, Dipl Stuttgart), Tutor and Associate Professor in Computer Science

Nöel Kimiko Sugimura, DPhil (MA Yale), Tutor and Associate Professor in English

Séverine Toussaert, (MA Sciences PO Paris School of Economics, PhD New York), Tutor and Associate Professor in Economics

Amia Srinivasan, BPhil, DPhil (BA Yale), Tutor and Associate Professor in Philosophy

Supernumerary Fellows

Dorothy Vera Margaret Bishop, MA, DPhil, (DM Lond), FMedSci, FBA, FRS, Professor of Developmental Neuropsychology

Sir Nicholas John White, OBE, MA, (BSc, MB, BS, DM, DSc London), FRS, Professor of Tropical Medicine

Katherine Mary Blundell, OBE, MA, (MA, PhD Cantab.), Professor of Astrophysics

Sandra Campbell, (BSc Edin, MSc, PhD Dundee), Tutor in Physiology, Fellow for Access and Admissions, Dean of Degrees, Prevent Coordinator



Katherine Doornik, BA, MPhil, (PhD Stanford), Supernumerary Fellow in Economics and Fellow for Equality

Elizabeth Clare Macfarlane, MA, DPhil, Chaplain, Welfare Dean

John Duncan, DPhil, FRS, FBA, Professor of Experimental Psychology

The Rt Hon Lord Drayson of Kensington, PC, (BSci, PhD Aston), FREng

Karthik Ramanna, (PhD MIT), Professor of Business and Public Policy

James Alexander Maynard, DPhil, (BA, MMath Cantab.), Research Professor, Mathematical Institute

Robert Crow, MA, Director of Development and Alumni Relations

Jo Roadknight, MA (BA Oxford Brookes), Home Bursar

Supernumerary Teaching Fellows

David Hamish Seifert, MA, MMath, DPhil, Mathematics

Jennifer Helen Oliver, BA, MSt, DPhil, French

Julie Ann Durcan, (PhD Aberystwyth), Geography

MaryAnn Philomena Noonan, (BSc York) MSc, DPhil, Psychology

Michael Hetherington, (MA, MPhil, PhD Cantab.), English

Natalie Mrockova, (BA Nottingham), MSc, MSt, DPhil, Law

Zeynep Pamuk, (BA Yale, PhD Harvard), Politics

Rachel James, BA, DPhil, Physical Geography

Gemma Tidman, BA, MSt, DPhil, French

Emeritus Research Fellows

Malcolm Graham Allen Vale, MA, DPhil, FRHistS, formerly Tutor in History

Robin Clayton Ostle, MA, DPhil, formerly Tutor in Modern Arabic

Elizabeth Dorothea Harriet Carmichael, MBE, MA, DPhil, BM, BCh, (MRCS Eng, LRCP London), formerly Tutor in Theology

George William John Fleet, MA, DPhil, formerly Tutor in Chemistry

Mark Robert Freedland, MA, DPhil, (LLB London), Hon QC, FBA, formerly Tutor in Law

Ronald Lee Bush, CBE, MA, (BA Pennsylvania, BA Cantab., PhD Princeton), formerly Professorial Fellow and Drue Heinz Professor of American Literature

Paul Kevin Dresch, MA, DPhil, formerly Fellow by Special Election in Social Anthropology

David Robert Stirzaker, MA, DPhil, formerly Tutor in Mathematics

Linda Margaret McDowell, CBE, (BA Cantab., MPhil, PhD London), DLitt, FBA, formerly Professorial Fellow in Human

Geography, Fellow for Early Career Researchers

Kenneth Paul Tod, MA, DPhil, formerly Tutor in Mathematics

Research Fellows

Natalia Gromak, (BSc Belorussian State, BSc Edin, PhD Cantab.), Biochemistry

Tian Liang, (MA, PhD, London.), Leverhulme Early Career Fellow, History of Art

Dalel Benbabaali, (PhD Paris Ouest-Nanterre), Leverhulme Early Career Fellow, Area Studies

Elizabeth Fouksman, MPhil, DPhil, (BA UCLA), Leverhulme Early Career Fellow, Area Studies

Cyril Closset, (BSc, MPhys, PhD ULB), Research Fellow in the Sciences and Mathematics, Physics

Heather Harrington, (BS Amherst, PhD Imperial), Research Fellow in the Sciences and Mathematics, Biology

Lars Jansen, (PhD Leiden), Research Fellow in the Sciences and Mathematics, Biochemistry

Junior Research Fellows

Maria Bruna, MSc, DPhil, (BSc Universitat Politecnica de Catalunya), Mathematics

Emily Mary Corran, BA, (PhD London), History

Joshua William Makepeace, DPhil (BSc Flinders), Chemistry, Assistant Dean of Degrees

Hannah Alfonsa, (MRes, PhD Newcastle), Kilner Junior Research Fellow in Medicine

Ilya Chevyrev, DPhil, (BSc Auckland, MSc Paris VI), Ioan and Rosemary James Junior Research Fellow in Maths

Sarah Hickmott, DPhil, (BA Cantab., MA KCL), Modern Languages

Jennifer Johnson, MSt, DPhil, (BA Cantab.), History of Art
Georgi Jayne Gardiner, (MA, MSc Edin, PhD Rutgers), Fraser
Junior Research Fellow in Philosophy
Harry Desmond, MPhys, (PhD Stanford), Physics
Lydia Audrey Beresford, DPhil (MPhys Manchester), Physics
Karolina Sekita, DPhil, (Magister Warsaw), Woodhouse Junior
Research Fellow in Classics, Assistant Dean of Degrees
Guy Cooper, (BSc Sewanee: University of the South, MSc
Lausanne), Zoology
Samuel Derbyshire, MSt, DPhil, (BA UCL), Archaeology
Oliver Padget, DPhil, (BSc Nottingham), Biology
Darci Sprengel, (BMA, BA Michigan Ann Arbor, MA, PhD
UCLA), Music

Lecturers

Dominic Alonzi, MBioChem, DPhil, Biochemistry
Christoph Bachhuber, DPhil, (MA Texas), Archaeology
Ben Bollig, (BA Nottingham, MA, PhD London), Spanish
Marco Cappelletti, MJur, (Laurea Magistrale Perugia, LLM
Harvard), Law
Julie Alexander Evelyn Curtis, MA, DPhil, Russian
Marie Elven, (DEA Paris III), French Language
Giulia Fanti, (BA University of Pavia, PhD Cantab.), Classics
Amber Gartrell, DPhil, (BA, MA Warwick), Ancient History
Paul Griffiths, (BSc, PhD Liverpool), Quantitative Methods and
Statistics
Yaling Hsiao, (BA, MA Taiwan, MS, PhD Wisconsin-Madison),
Psychology
Claudia Kaiser, (MA Erlangen-Nuremburg, Dipl Bamberg),
German Language
Ivan Konoplev, (MSc Nizhny Novgorod, MPhil, PhD Strathclyde),
Physics
Kim-Natalie Mousset, Staatsexamen, German Lektorin
Johanna Schnurr, MPhil, Philosophy
Devinderjit Sivia, (BA, DPhil, Cantab.), Mathematics for the Sciences
Alan Strathern, DPhil, (MA London), History
Emmanuela Tandello, MPhil, DPhil, Italian
Amelha Timoner, BA, French Lectrice
Georg Viehhauser, (PhD Vienna), Physics
Samuel Wolfe, (MPhil, PhD Cantab.), Linguistics

Emeritus Fellows

Sir Royston Miles Goode, CBE, QC, MA, DCL, (LLD London),
FBA, formerly Norton Rose Professor of English Law
Iain McLaren Mason, MA, (BSc Cape Town, PhD Edin), FRS,
formerly Tutor in Engineering Science; Professor of Geophysics,
University of Sydney
Donald Andrew Frank Moore Russell, MA, DLitt, FBA,
formerly Tutor in Classics and Professor of Classical Literature
Wilferd Ferdinand Madelung, (DPhil Hamburg), FBA,
formerly Laudian Professor of Arabic
Sir Anthony John Patrick Kenny, MA, DPhil, DLitt, FBA, sometime
Master of Balliol College; formerly President of the British Academy;
formerly Chairman, British Library Board; sometime Warden of
Rhodes House; formerly Pro-Vice-Chancellor (Development); formerly
President of the University Development Office
Oliver Louis Robert Jacobs, MA, DPhil, (MA, PhD Cantab.),
formerly Tutor in Engineering Science
Paul Lansley Harris, MA, DPhil, FBA, formerly Tutor in Psychology
and Professor of Developmental Psychology; Victor S Thomas
Professor of Education, Harvard; Member of the American Academy
of Arts and Sciences
Desmond Stephen King, MA, DLitt (BA Mod Dublin, MA, PhD
Northwestern), FBA, MRIA, FRHistS, FAacSS, formerly Tutor in
Politics; Andrew W Mellon Professor of American Government and
Professorial Fellow, Nuffield College
John Alexander Montgomery, MA, FCA, formerly Finance Bursar
and Supernumerary Fellow
Christopher John Leaver, CBE, MA, (BSc, ARCS, DIC, PhD London),
FRS, FRSE, MAE, formerly Professorial Fellow and Sibthorpeian
Professor of Plant Sciences
Ritchie Neil Ninian Robertson, MA, DPhil, FBA, formerly Tutor
in German; Taylor Professor of the German Language and Literature,
Fellow of The Queen's College
Nicholas Purcell, MA, FBA, formerly Tutor in Ancient History;
Camden Professor of Ancient History, Fellow of Brasenose College
Gerard Jan Henk van Gelder, MA, (kandidaatsexamen Amsterdam,
doctoraal examen Leiden and Amsterdam, PhD Leiden), FBA,
formerly Laudian Professor of Arabic
David Llewellyn Bevan, MA, formerly Tutor in Economics
Terence Christopher Cave, CBE, MA, DPhil, FBA, formerly Tutor
in French and Professor of French Literature
Ross Ian McKibbin, MA, DPhil, (MA Sydney), FBA, formerly Tutor
in History

Peter Stephen Michael Hacker, MA, DPhil, formerly Tutor in Philosophy

Joel Ouaknine, MA, DPhil, (BSc, MSc McGill), formerly Tutor in Computer Science and Professor of Computer Science, Domestic Bursar

Ian John Sobey, MA, (BSc Adelaide, PhD Cantab.), formerly Tutor and Associate Professor in Engineering Science

Marlia Cordelia Mundell Mango, MA, DPhil, (BA Newton, Mass, MA London), FSA, formerly Fellow by Special Election in Byzantine Archaeology and Art

Thomas Stainforth Kemp, MA, DPhil, formerly Tutor in Zoology

John Stephen Kelly, MA, DPhil, (MA Dublin), formerly Tutor in English

John Langton, (MA Cantab., BA, PhD Wales), formerly Tutor in Geography

Honorary Fellows

Sir Rex Richards, MA, DPhil, FRS, Hon FBA, FRSC, Hon FRCP, Hon FRAM, FRIC, formerly Exhibitioner, sometime Fellow and Tutor of Lincoln, Dr Lee's Professor of Chemistry; sometime Warden of Merton College; formerly Vice-Chancellor of the University of Oxford

The Right Revd Andrew Alexander Kenny Graham, MA, (DD Lambeth), formerly Scholar; formerly Bishop of Newcastle, Hon Assistant Bishop, Diocese of Carlisle

Sir Keith Vivian Thomas, MA, FBA, formerly Professorial Fellow and Tutor in History; sometime President of Corpus Christi College, Oxford; formerly President of the British Academy; Honorary Fellow of All Souls College

Ioan MacKenzie James, MA, FRS, formerly Fellow and Tutor in Pure Mathematics; sometime Savilian Professor of Geometry

George Barclay Richardson, CBE, MA, Hon DCL, formerly Professorial Fellow and Tutor in Economics; sometime Secretary to the Delegates of the Oxford University Press; formerly Warden of Keble College

John Carey, MA, DPhil, FRSL, FBA, formerly Lambeth Scholar and Fellow and Tutor in English; sometime Merton Professor of English Literature

Alan Marshall Bailey, KCB, MA, BPhil, formerly Exhibitioner and Honorary Scholar; formerly Permanent Secretary of the Department of Transport; sometime Chairman of London Transport Buses

Sir Michael John Anthony Partridge, KCB, MA, formerly Fish Scholar; formerly Permanent Secretary of the Department of Social Security; Pro-Chancellor and Governor of Middlesex University; sometime President of the Old Merchant Taylors' Society

The Most Revd Father Timothy Peter Joseph Radcliffe, OP, MA, DD, formerly Commoner; sometime Master of the Order of Preachers

Anthony Charles Lynton Blair, formerly Commoner; formerly MP and Prime Minister; formerly Special Envoy to the Middle East; Chairman of the European Council on Tolerance and Reconciliation

John William White, CMG, MA, DPhil, (BSc, MSc Sydney), FRS, FRSC, FAA, formerly Fellow and Tutor in Chemistry; Science Policy Secretary of the Council of the Australian Academy of Science; Professor of the Research School of Chemistry, Australian National University
Peter Day, MA, DPhil, (DSc Newcastle, DSc Kent), FRSC, FInstP, MAE, ForMemIAS, FRS, formerly Junior Research Fellow, Fellow and Tutor in Chemistry; sometime Director and Fullerian Professor of Chemistry, Royal Institution; Emeritus Professor of Chemistry at the University of London

Terence James Reed, MA, FBA, formerly Fellow and Tutor in German; sometime Taylor Professor of the German Language and Literature; Corresponding Fellow of the Göttingen Academy of Sciences

Paul Alexander Slack, MA, DPhil, DLitt, FBA, FRHistS, formerly Casberd Exhibitioner and Scholar; sometime Professor of Early Modern Social History; formerly Pro-Vice-Chancellor of the University of Oxford and Principal of Linacre College

Quentin Bone, MA, DPhil, FRS, formerly Exhibitioner and Casberd Scholar; Hon Research Fellow of the Marine Biological Association of the United Kingdom

Sadayuki Hayashi, Hon GCVO, MA, formerly Commoner, Ambassador of Japan to the Court of St James; sometime Permanent Secretary of the Ministry of Foreign Affairs of Japan

Sir Christopher Hubert Llewellyn Smith, MA, DPhil, FRS, formerly Professorial Fellow and Tutor in Physics; formerly Director General of CERN; formerly Provost and President of University College, London; Director of Energy Research at the University of Oxford; President of the Council of Synchrotron-light for Experimental Science and Applications in the Middle East (SESAME)

Geoffrey William Anderson, MA, DPhil, FSA, FRSE, formerly Casberd Exhibitioner; formerly Director of the British Museum; Fellow of Clare Hall, Cambridge

Robert Darnton, DPhil, formerly Rhodes Scholar; sometime Professor of History, Princeton University; Carl H Pforzheimer University Professor and University Librarian, Harvard

William Hayes, MA, DPhil, (MSc, PhD, National University of Ireland), Hon MRIA; formerly Professorial Fellow and Tutor in Physics; sometime Principal Bursar; formerly Pro-Vice-Chancellor of Oxford University and President of St John's

Sir Stuart Hampson, CVO DL, MA, formerly Commoner; formerly Chairman of The Crown Estate; formerly Chairman of the John Lewis Partnership; formerly Chairman of the Royal Society of Arts

Timothy Patrick Lankester, KCB, MA, (MA Cantab., MA Yale), formerly Fereday Fellow; formerly Permanent Secretary of Overseas Development Administration and the Department of Education;

formerly Director of the School of Oriental and African Studies; sometime President of Corpus Christi College, Oxford; Chairman of the Council of the London School of Hygiene and Tropical Medicine

Sir Andrew William Dilnot, CBE, MA, formerly Commoner; formerly Director of the Institute for Fiscal Studies; sometime Principal of St Hugh's College; Chairman of the UK Statistics Authority and Warden of Nuffield College

Sir Simon David Jenkins, MA, formerly Commoner; sometime editor of the *London Evening Standard*; sometime editor of *The Times*; sometime political editor of *The Economist*; formerly Deputy Chairman of English Heritage; sometime Chairman of the National Trust

Edward Brian Davis, MA, FRS, formerly Fellow and Tutor in Mathematics; Professor of Mathematics, King's College, London

John Graham Cottingham, MA, DPhil, formerly Thomas White Scholar; Emeritus Professor of Philosophy, Reading University

Sir Michael Sydney Perry, GBE, MA, formerly Commoner; sometime Chairman, Unilever Plc and Centrica Plc, the Senior Salaries Review Body, the Leverhulme Trust and the Shakespeare Globe Trust

Sir Keith Burnett, CBE, MA, DPhil, FRS, FAPS, FOSA, FInstP, formerly Tutor in Physics and Professor of Physics, Head of Mathematical, Physical and Life Sciences Division; sometime Vice-Chancellor, Sheffield University

The Rt Hon Sir Stephen Price Richards, MA, formerly Scholar, Lord Justice of Appeal; Deputy Head of Civil Justice for England and Wales; Privy Counsellor

Bernard John Taylor, CBE, DL, FRSC, CChem, CSI, LRPS, MA, formerly Scholar; formerly Vice-Chairman of JP Morgan; formerly Member of the Council of the University of Oxford; Chairman of Evercore Partners International LLP; Chairman of Isis Innovation Ltd; Chairman of Garsington Opera; Chairman of the Ashmolean Museum Board of Visitors; Deputy Steward of the University of Oxford; Deputy Lieutenant of Oxfordshire

Ullick Peter Burke, MA, FRHistS, FBA, formerly Scholar, formerly Professor of Cultural History, University of Cambridge; Life Fellow of Emmanuel College, Cambridge

Andrew Frederic Wallace-Hadrill, OBE, MA, DPhil, FBA, FSA, formerly Senior Scholar; formerly Director of the British School in Rome; formerly Master of Sidney Sussex College, Cambridge; Professor of Roman Studies and Director of Research for the Faculty of Classics, University of Cambridge

John Lawson Thornton, MA, (AB Harvard, MPPM Yale), formerly Commoner; formerly President of Goldman Sachs; Professor and Director of Global Leadership at Tsinghua University, Beijing and Chairman of the Board of the Brookings Institution; Chairman of Barrick Gold

Ian Bostridge, CBE, MA, DPhil, (MPhil Cantab.), formerly Scholar; Concert and Operatic Tenor

Charles Richard Catlow, MA, DPhil, FRS, FRSC, formerly Exhibitioner, formerly Wolfson Professor of Natural Philosophy, the Royal Institution; Professor of Solid State Chemistry and Head of Mathematics and Physical Sciences Faculty, University College London; Foreign Secretary, Royal Society

Sir Brian Howard Harrison, MA, DPhil, FBA, FRHistS, formerly Scholar, formerly Professor of Modern History, University of Oxford; sometime Editor of the *Oxford Dictionary of National Biography*; Emeritus Fellow of Corpus Christi College

Anthony John Boyce, MA, DPhil, formerly Scholar, formerly Tutor in Human Sciences; sometime Principal Bursar

Henry Reece, MA, DPhil, (BA, Bristol), formerly graduate student; formerly Secretary to the Delegates and Chief Executive, Oxford University Press; Emeritus Fellow of Jesus College

William Joseph Burns, MPhil, DPhil, (BA LaSalle), formerly graduate student; formerly US Ambassador to Jordan, US Ambassador to Russia; formerly US Under Secretary for Political Affairs and Deputy Secretary of State; President, Carnegie Endowment for International Peace

Stephen Wolfram, PhD Caltech, formerly Scholar; creator of Mathematica and Wolfram/Alpha; Founder and Chief Executive Officer of Wolfram Research

Sir Michael Charles Scholar, KCB, MA, DPhil, (MA, PhD Cantab.); formerly Permanent Secretary of the Welsh Office and the Department of Trade and Industry; sometime Chairman of the UK Statistics Authority; formerly President of St John's

Sir John Tooke, KB, FRCP, FMedSci, formerly Commoner; formerly inaugural Dean of the Peninsula Medical School; President of the Academy of Medical Sciences; Vice-Provost (Health), Head of the School of Life & Medical Sciences (incorporating UCL Medical School), University College London

Angela Eagle, MP, MA, formerly Commoner; MP for Wallasey; formerly Shadow Leader of the House of Commons; formerly Minister of State for Pensions and the Ageing Society and Shadow Chief Secretary to the Treasury

Ruth Harris, MA, DPhil, (BA, MA, Pennsylvania), FBA, formerly Junior Research Fellow; Professor of Modern History and Senior Research Fellow, All Souls College

Evan Davis, MA, formerly Scholar; formerly Economics Editor for the BBC and presenter of *Today* and *Newsnight*; presenter of *PM* on BBC Radio 4

Ann Jefferson, MA, DPhil, formerly Junior Research Fellow, FBA; Professor of French and Emeritus Fellow of New College; *Commandeur dans l'Ordre des Palmes Académiques*

Sir David Nicholas Cannadine, DPhil (MA, LittD Cantab.), formerly Junior Research Fellow, FBA, FRSL, FRHistS; formerly Fellow of Christ's College, Cambridge; formerly Moore Collegiate Professor of History, Columbia; formerly Director, Institute of Historical Research; Chair, National Portrait Gallery; Editor, *Oxford Dictionary of National Biography*

Andrew Harrison, MA, DPhil, MRSC, FRSE, formerly Fereday Junior Research Fellow; formerly Research Fellow, Nuffield College; formerly Professor of Solid State Chemistry, University of Edinburgh; Founding Director, Centre for Science at Extreme Conditions; Director General, Institut Laue-Langevin (ILL), the Neutron Source, Grenoble; Director, Diamond Light Source

Barbara Jane Slater, MSc (BA Birmingham, PGCE Loughborough), OBE; Director of BBC Sport

John Darwin, BA, DPhil, formerly Scholar, FBA, Professor of Global and Imperial History, Nuffield College, Fellow of Nuffield College, FBA

Rushanara Bini Ali, BA, formerly Commoner; MP for Bethnal Green and Bow, formerly Shadow Minister for Education, and for International Development; Co-Founder of the charity Uprising

Rt Hon Sir Keith John Lindblom, QC, PC, BA, formerly Commoner; Lord Justice of Appeal

Rt Hon Sir Nicholas Hamblen, QC, PC, BA, (LLM Harvard Law School); formerly Scholar; Lord Justice of Appeal

Sir Robert Devereux, KCB, BA, (MA Edin), formerly Commoner, formerly Permanent Secretary for the Department of Work and Pensions

Nigel Carrington, Vice-Chancellor of University of the Arts London; formerly Managing Partner and European Chairman at Baker & McKenzie and Managing Director of McLaren Group, Chairman of the Henry Moore Foundation and of Advance HE, Founder Director of the Creative Industries Federation and member of the Board of Universities UK

Stephen Mitchell, MA, DPhil, FBA, formerly Leverhulme Professor of Hellenistic Culture at Exeter University; member of the German Archaeological Institute; honorary doctorate Humboldt University Berlin, formerly President of the British Epigraphy Society and of the Association Internationale d'Épigraphie Grecque et Latine, Council of the Arts and Humanities Research Board, Chairman of the British Institute at Ankara

Distinguished Visitor

John Mattick, AO, FAA, FAHMS, FRSN, Hon FRCPA, (BSc Sydney, PhD Monash), Chief Executive Officer, Genomics England







NEWS OF ALUMNI

Sir Mervyn Brown KCMG, OBE (1941) celebrated his 94th birthday. With the recent death of his contemporary and friend Sir Edward du Cann he must be one of the few survivors of the 1941 intake, which included Philip Larkin and Kingsley Amis, the best-known poet and one of the best-known novelists of his time. If there are any other survivors of that intake who knew him and are still around he would be interested to hear from you. You can contact Mervyn via the alumni office.

Mr Stephen Pearl (1954) was awarded the Goncharov Prize by the Governor of Ulyanovsk Province (Russia) for his translations of the trilogy (*Obломov, The Same Old Story, Malinovka Heights*) by Goncharov, one of Ulyanovsk's two favourite sons, the other being Lenin, aka Vladimir Ilyich Ulyanov.

Professor Allen J. Scott (1958) has published a book, *The Constitution of the City: Economy, Society and Urbanization in the Capitalist Era*.

Revd Canon Dr John Twisleton (1966), Sussex priest and theologian has published his latest book, *Experiencing Christ's Love – establishing a life of worship, prayer, study, service and reflection* (Bible Reading Fellowship).

Mr Christopher Ward (1967) has written (with Sandra Ruckstuhl) and published *Water Scarcity, Climate Change and Conflict in the Middle East: Securing Livelihoods, Building Peace* (IB Tauris). The book assesses the increased challenges facing the countries of the Middle East and North Africa region, the most water scarce region in the world. Through the impact of climate change and human development, the water resource itself is changing, bringing new risks and increased vulnerability of all those dependent on water. The authors discuss the patterns of competition and conflict over water, and evaluate the risks and reality of climate change in the region, offering an assessment of the vulnerability of agriculture and livelihoods, alongside looking at emerging reactions to water scarcity.

Dr Giles Mercer KSG, FRSA (1971), former headmaster of Stonyhurst College, Lancashire, and Prior Park College, Bath, has written a biography of a friend of Cardinal Newman and influential convert from Anglican ministry to Catholicism. *Convert, Scholar, Bishop:*

William Brownlow 1830–1901 is published by Downside Abbey Press (2016). It is a journey through the Victorian Church in England and throws light on missions in Africa and Australia. Brownlow played an important part in the continuing struggle against slavery, in Christian archaeology, especially the opening up of the catacombs in Rome, and in historical controversies arising from church history.

Mr Giles Dawson (1972) has retired from his salaried role with Tute Education but continues freelance teaching (Latin and Classical Civilisation) in several Oxfordshire schools. He is preparing a number of centenary exhibitions to celebrate notable classical musicians, including the horn player Dennis Brain (1921-57).

Mr Peter Walls FCIPD (1972) has retired from Royal Mail after 42 years, most recently as Director of Industrial Relations and finally as HR Director of its Facilities Management subsidiary. He has become a Director of the Postal Museum in London and is continuing as a Director of the Creative Education Trust, which runs 17 secondary and primary schools in socially deprived areas of the Midlands and East Anglia.

Dr Christopher Lightfoot (1973) has published his latest book, *The Cesnola Collection of Cypriot Art. Ancient Glass*. New York: The Metropolitan Museum of Art / New Haven and London: Yale University Press, 2017.

Mr Chris Tavare (1974) is retiring in summer 2018 after 24 years of teaching Biology and sport at Sevenoaks School.

Professor Chris Fitter (1974), Professor of English at Rutgers University, has published his third book, *Shakespeare and the Politics of Commoners* (Oxford University Press).

John Anthony Coleman (1975) left the practice of law at Norton Rose Fulbright (Managing Partner Canada 2009-2015) and was appointed in September 2017 as Quebec's Agent General in London with responsibility for representing Quebec's interests in the UK, the Republic of Ireland and the Nordic countries. John would be pleased to welcome St John's alumni at the Quebec's Delegation offices on Pall Mall.

Mr Glenn Bowman (1978) has retired from the University of Kent's School of Politics and International Relations as Emeritus Professor of Socio-Historical Anthropology.

Mr Keith Jewitt FCA (1978) has launched a haiku collection entitled *In a Magpie's Eye: the Jesmond Year in Haiku*. The book describes a whole year in central Newcastle, from the point of view of its wildlife. The publisher is Laurel Books, owned by **Patrick Ingram** (1978). He hopes that his detailed observations of nature in urban spaces will encourage readers to think about our dependence on other species, and the need to build a shared future which includes them.

The Revd Nigel Bourne (1979) is now also Area Dean of Gravesend and is exploring ways of raising the aspirations and achievements of secondary school pupils from non-grammar schools in areas retaining the 11+. Nigel continues as Vicar of Chalk and Vice-President of the Churches' Mutual Credit Union.

Professor Stephen Powis, MRCP (1979) has been appointed as Medical Director of NHS England to succeed Sir Brice Keogh.

Ms Angela Eagle MP (1980) has published a book: *The New Serfdom* (Biteback Publishing 2018) which is a critique of conservative ideas and economics and how they can be defeated. It looks at ways that a successful economy can be built, powered by a happy and productive workforce that creates benefits for everyone in the 21st century.

Mr Alan Pollock (1980) has created a new musical featuring hit songs by Coventry artists from the 1950s to the present day. *Godiva Rocks* was presented at the Belgrade Theatre in Coventry in October 2017. *Philip and Sydney*, a radio play, also written by Alan Pollock, about the late St John's alumnus Philip Larkin and his father, was originally broadcast on BBC Radio 4. It featured Tim McInnerny (*Blackadder*, *Game of Thrones*) as Sydney Larkin.

Professor Timon Screech (1981) who is Professor of the History of Art at SOAS, University of London and **James Fairhead** (1981), who is Professor of Social Anthropology at the University of Sussex, have both been elected to the British Academy.

Dr Mandy Haggith (1984) teaches literature and creative writing at the University of the Highlands and Islands as well as working part time as an environmental activist, co-ordinating an international network of activists trying to achieve sustainable paper. Mandy has published her third novel (and eighth book) *The Walrus Mutterer*, the first in a trilogy set in the Iron Age.

Professor Margot Singer (1984) has published *Underground Fugue* (Melville House), which was released in the US in April and the UK in May. This is the first novel by Singer, who won the Flannery O'Connor Award for Short Fiction, for her short story collection, *The Pale of Settlement*. The novel is set in 2005, following four characters against the background of the London Tube bombings.

Miss Kate Montgomery (1985) has mounted her first solo exhibition, *Dreamed House*, at the Long & Ryle Gallery in London. The show was featured in *We Are Women In Art* (wearewia.com), *Artists & Illustrators Magazine*, *Country Life* and *World of Interiors*. Her work is heavily influenced by her interest in textiles and studies in Islamic patterns.

Dr Kingsley K Poole DM (1987) has published two new books, *The Sudden Metropolis* and *The Long White Cloud*, with a third, *Blade Warriors* about to be launched.

Professor Jane Lightfoot (1988) Professor Jane Lightfoot (1988) has been honoured by her election as Fellow of the British Academy. She is currently Professor of Greek Literature and Charlton Fellow and Tutor in Classics at New College. The focus of her research is the exploration, through editions, commentaries and exegeses, of un- or under-explored classical texts: mythography, ethnography, geography, oracular literature, astrology, medicine; Hellenistic and imperial poetry and prose.

Dr Liam Brunt (1990), Professor of Economics at the Norwegian School of Economics, has written an account of living, working and travelling in China for seven months with his wife (**Lucy White** (1990)) and their three children (who attended the local school and thereby immersed them in Chinese society and culture): *China from the inside: letters from an economist*.

Dr Judy Hirst (1990) has been honoured by her election as Fellow of the Royal Society. Judy is currently Deputy Director of the MRC Mitochondrial Unit at the University of Cambridge and Dean of College at Corpus Christi College. In addition, she has been appointed to a Professorship in the Department of Neurosciences within the School of Clinical Medicine at Cambridge, and has won the Royal Society of Chemistry Interdisciplinary Prize 2018.

Ms Katie Ross (née Knapman) (1991) has just written a puzzle book for children, illustrated by another St John's alumnus. The book is called *Revision Fun for Clever Kids* (www.jumpingyak.com) and is ideal for all aspiring intellectuals!

Mr Richard Shotton (1995), has published a book on applying behavioural science to advertising, *The Choice Factory, 25 behavioural biases that influence what we buy*.

Miss Jennifer Allen (1998) was selected by Bedford Creative Arts, Arts Council England and Artichoke as Bedford Artist to lead 'Processions 2018' – a nationwide art project to celebrate the centenary of women's right to vote – touring Belfast, Cardiff, Edinburgh and London. The London event took place on 10 June 2018.

Mr Carl Baatz (2002) and **Ms Emily Rookwood** (2005) announce the birth of their son Nils William Baatz on 14 February 2018 in Zurich.

Dr Tom Tracey (2004) has been selected for the Poetry Ireland Introductions Series 2018.

Dr Srilakshmi Raj (2004) won the British Council UK Alumni Professional Achievement Award in the USA for 2018.

Dr Katherine Dunn (2005) has now taken up a permanent academic position at the University of Edinburgh as a Lecturer in Mechanical Engineering (Synthetic Biology). Prior to this she was a Research Associate in the Department of Electronic Engineering at the University of York, having obtained a First Class MPhys and DPhil at St John's.

Dr Michelle Witen (2005) has published her monograph, *James Joyce and Absolute Music*.

Lewis Goodall (2007) is Political Correspondent for Sky News and published *Left for Dead?: The Strange Death and Rebirth of the Labour Party* (2018).

The Revd. Fergus Butler-Gallie (2010) has published *A Field Guide to the English Clergy*. Described as 'a delightful smorgasbord' (*Daily Mail*), and as 'having the makings of a modern classic' (*Catholic Herald*), the book is a collection of the strangest parsons ever to take orders in the Church of England. It features a number of clerical figures from the College's colourful past, including the gloriously badly behaved Reverend Dr Edward Drax Free. Having read History and Czech/Slovak at St John's, Fergus moved to Emmanuel College Cambridge to read theology and is now Assistant Curate of Liverpool Parish Church. He is currently working on a second tome, as well as reviewing books for *The Times* and writing freelance for other publications including *The Church Times*.

Mr Miles Kellerman (2013) completed a thesis during the MPhil and received financial support from St John's to travel to Washington D.C. and Manila, Philippines for field research. This research has just been published in a peer-reviewed journal, *The Review of International Organisations*.



Calendar

2019

8 March

Holdsworth Dinner

15 March

Gaudy Dinner for those who matriculated in 1974, 1975 and 1976

23 March

Gaudy Lunch for those who matriculated in 1966, 1967, 1968 and 1969

23 May

Founder's Lecture
Sir David Cannadine

28 June

Gaudy Dinner for those who matriculated in 1977, 1978 and 1979

6 July

Gaudy Lunch for those who matriculated in 1980, 1981 and 1982

27 September

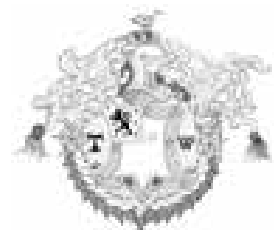
College Society Dinner



Natalia Perez-Campanero

Gaudies

We currently hold two Gaudy Dinners and two Gaudy Lunches each year, inviting alumni by matriculation year. We now invite alumni to most events by email. Therefore, in order to be kept up-to-date (and assist us in complying with General Data Protection Regulations) please update your details via our website, or by emailing alumni@sjc.ox.ac.uk






Madelon Kelleman


Nadav Lidor

Visit the Alumni and Benefactors pages at www.sjc.ox.ac.uk

Find details of Oxford University alumni events at www.alumni.ox.ac.uk

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