

TW

The magazine of St John's College, Oxford

2022

Life-Writing

Pain Relief

Number Theory

Oxford North

The New President

TW

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St John's College
Oxford

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From the Editor



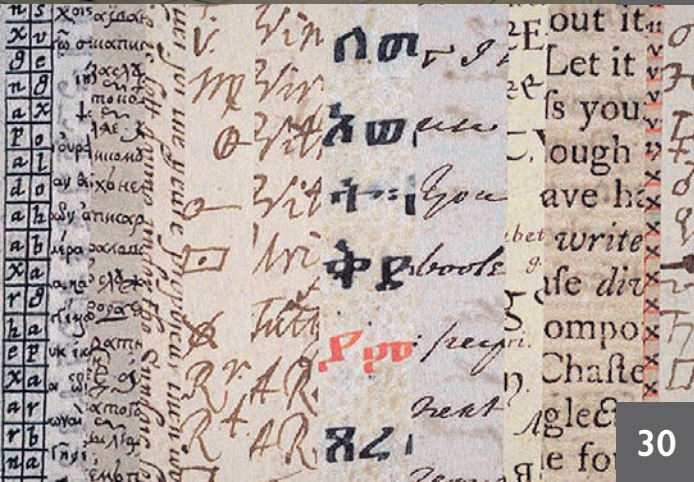
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Canterbury Quad was opened in August 1636 with a party that attracted the King and Queen, the Elector Palatine, and Prince Rupert of the Rhine. The whole celebration cost almost half as much as the building itself. The Quad still stands as a monument to its creator, Archbishop Laud, to his master, Charles I, and to that moment in time.

Yet it is not an unchanging scene. Over the centuries, it has been restored and repaired on numerous occasions. This year, the columns supporting the library and the President's long gallery have been entirely replaced. For several months, the whole structure was disconcertingly supported by scaffolding.

Nor is that the only change the College has experienced this year. As you will see in *TW*, it has been a busy time. Perhaps most notably, we have said farewell to Maggie Snowling after ten wonderful years as President. We now welcome, as her successor, Dame Sue Black.

Just like Canterbury Quad, in other words, the College can look like a place that is untouched by time. Yet every year, it is renewed as new students and staff, as changing ideas and material forms all create St John's afresh. I do hope you will enjoy reading what we have been up to – and do come back to see for yourself.

The Revd Professor William Whyte
Editor



I can do no more than promise you that I will try my best and humbly beg for your forbearance when it is needed.

Introducing Professor Dame Sue Black

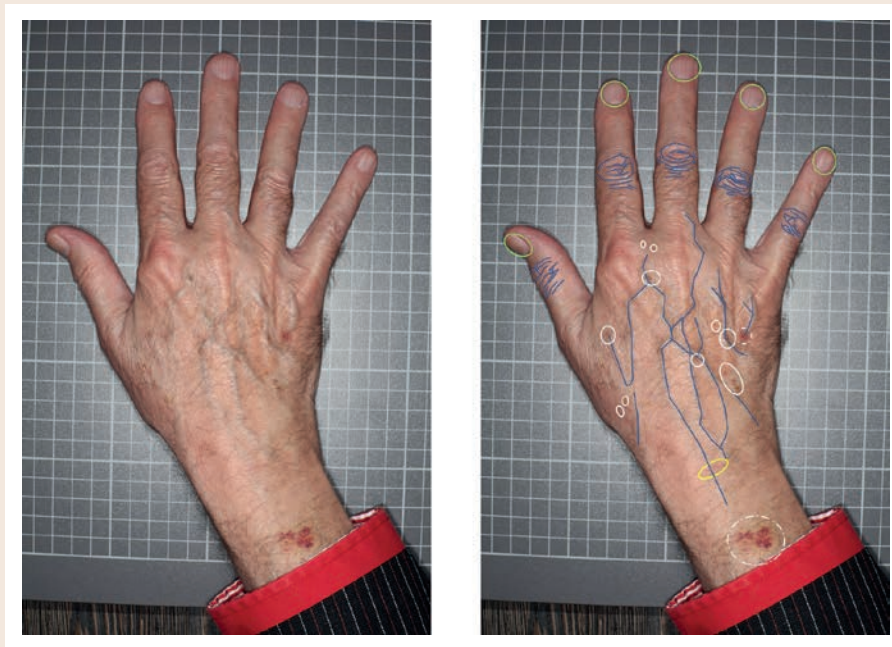
The 'Person Specification' for the post of President of St John's College stated that applicants should have a '*strong moral compass, authenticity and resilience*'. My curiosity was piqued and I wanted to find out more about a college that appreciated such values. I applied and the rest is history but I hope that a brief foray into my background might explain why those ideals spoke to me so loudly. I must issue a warning though, as my area of expertise is not an easy read.

I was brought up in the tiny lochside hamlet of Strome on the west coast of Scotland. There were only 15 pupils in my entire primary school and we had a freedom of which most could only dream. My family were Scottish Presbyterian and so instilled a fearsome work ethic in me. They managed a seasonal hotel on the shores of Loch Carron and it was expected that I would pull my weight with the daily chores, whether that was washing dishes, carrying suitcases, or folding sheets in the laundry. Idleness was not tolerated and so when we moved to Inverness when I was 12, there was an expectation that I would find a job as it was my responsibility to pass half my earnings to my mother for board and lodging. I

worked for the entirety of my teenage years in a butcher's shop on a farm and loved every moment. I was happy being up to my elbows in blood, bone, muscle, and entrails and I learned invaluable skills, including how to wield and sharpen a blade.

I entered Aberdeen University at the age of 17 and perhaps it was no surprise that I found familiarity in the Anatomy Department, where in my third year I was granted the privilege of whole-body human dissection. I crossed my Rubicon on that first day into a world where instinct told me I belonged. I was grounded by the responsibility of dissecting a man whose only request following his death was that students, such as me, would learn from him. As my 'silent teacher' he schooled me patiently in all the foundations of anatomy, but more importantly he taught me a life-enduring lesson about dignity, decency, and respect. In my honours year I chose research into human identification from fragmented skeletal remains and continued this into my PhD.

Then one fateful day the police asked for my assistance with the identification of a decomposed body that had washed ashore on the east coast of Scotland. This was



The superficial vein pattern is outlined in blue.

Random areas of punctate pigmentation are highlighted in white – where the alteration is likely to be transient, this is reflected by broken white lines.

The nails are outlined in green and show longitudinal age-related ridging, lunule morphology and grooming habit.

Scarring of the skin is highlighted in yellow.

Knuckle skin crease patterns are shown in blue.

Hair colour and patterning is helpful.

A suggestion of arthritic change over the metacarpophalangeal joint of the index finger.

No evidence of habitual jewellery wearing.

before the days of routine use of DNA for forensic investigations and the term ‘forensic anthropology’ was largely unknown. I knew I had found what I wanted to do for the rest of my life – a practical partnership between the ancient science of human anatomy and the modern day demands of forensic investigation that delivered expert evidence to the criminal courts.

My work continued with various police forces around the country as I started to specialise in several areas, including criminal dismemberment and the identification of juvenile remains. Then in 1999 my world turned a corner when I was asked by the Foreign and Commonwealth Office to lead for my profession in Kosovo, assisting the war crimes investigations against Slobodan Milosevic and his senior officers. Our job was to exhume the remains of those who had lost their lives in the atrocities, collect and interpret the evidence and present it to the international criminal prosecutors in the Hague. This episode taught me so much about the frailty of life, the importance of family and the relative inconsequence of the peripheral trappings of life. I saw entire families and villages destroyed and witnessed the fear that oppression brings to the hearts of even the bravest.

I continued to serve the UK in my forensic capacity in a variety of places around the world including Iraq, Sierra Leone, Thailand following the 2004 Boxing Day tsunami, and other conflicts I am not permitted to disclose. In 2003 I took up a senior academic role at the University of Dundee and then at Lancaster in 2018. It was during this time that my research into identification started to gain momentum. As is often the way in forensic research, it was a case that raised the need for further scientific

investigation and it involved some images associated with child sexual abuse. This is a crime where the perpetrator frequently records themselves committing the act and the part of their anatomy that is most often captured in the images is the back of their hand. An anatomist knows about variation and we were able to establish that there are many features visible on the back of the hand, formed from different aetiologies that, when combined, can construct a powerful multimodal biometric. Approximately 82% of the cases that we now take on result in the accused changing their plea to guilty and this is not only a tremendous financial saving to the courts but also protects the vulnerable from having to give evidence. My team is proud to have helped to secure over 30 life sentences and more than 500 years of prison sentencing for those who choose to abuse the most vulnerable in our society. Our most recent research involves training computers through AI to extract the anatomical features from these images more swiftly, accurately, and efficiently than the expert practitioner. The output from this will be open source so that police forces around the world will have access to expertise that currently only exists within my team in the UK.

I hope I may have explained why those Presidential values resonated so strongly with me and I am honoured to be considered worthy to lead St John’s. However, it will be a challenge to pick up the baton from Professor Snowling who has made so many progressive changes over her time as President. I can do no more than promise you that I will try my best and humbly beg for your forbearance when it is needed.



College News

Library and Study Centre Awards

It's been a triumphant year for our Library and Study Centre, which has scooped up awards from the Royal Institute of British Architects (RIBA) and the Chartered Institution of Building Services Engineers (CIBSE).

The building was awarded both a RIBA South Building of the Year 2021 Award and a RIBA National 2021 Award, recognising both the sustainable design of the Study Centre and its successful linking of the old and new parts of College. In September the building was also awarded the Exemplary Performance in Sustainability Award by the American Institute of Architects international branch.

The 2022 CIBSE Building Performance Awards was another successful night, with the Study Centre winning the prize for Public Project of the Year and the final and most prestigious prize of Building Performance Champion.

Wright and Wright Architects were commissioned in 2015 to remodel and extend the College's library which is housed in Canterbury Quadrangle, one of the UK's most significant Baroque settings. Set within the President's garden and bordering the College's historic gardens, the Library and Study Centre is linked to the 16th-century Old Library and 17th-century Laudian Library.



Undergraduate co-founded company wins OUBT Biohackathon

Piotr Jedryszek (2018, Biology) won the Oxford Biotechnology Society (OUBT) Hackathon with his company Evolvare Biosciences. Piotr founded the company with colleagues from Worcester and Corpus Christi to develop a novel treatment for antibiotic-resistant bacterial infection, one of the biggest threats currently facing humanity.

As winners of the 2021 OUBT Hackathon, Evolvare won three months of lab and office space in the BioEscalator, an Oxford University Biotech hub for academic scientists and entrepreneurs to collaborate. This has enabled the team to obtain initial proof-of-concept results, and they are now seeking further funding to commence the lead optimisation process.

Not yet satisfied with their early success, Evolvare's long-term vision is a world where nobody is endangered by antibiotic-resistant bacteria.



Historic Lamb & Flag pub reopens

Oxford's historic Lamb & Flag has reopened following an agreement between St John's College and The Inklings Group.

The Inklings Group – named in honour of the pub's former patrons, J.R.R. Tolkien, C.S. Lewis *et al.* – has been established as a Community Interest Company and has signed a long-term lease to relaunch the pub. The Inklings are a diverse and eclectic mix of Oxford people, past and present, scientists and entrepreneurs, writers and artists, Town and Gown, as well as local businesses and suppliers. The pub reopened on 4 October to great acclaim.

Head Groundsman raises over £2000 for charity

Proving that our student teams are not the only sporting talent to be found at St John's, Ian Madden cycled from London to Brighton in aid of the Silverlining Brain Charity.

Ian's day started bright and early at 4.30am, arriving in London to begin the 55-mile cycle ride at 8.50am. Despite hitting a few bumps on the road and adverse weather conditions, Ian smashed his original goal time of 6 hours, clocking in at an impressive 4 hours 50 minutes. Ian was greeted at the finish line by Tara, Ellis and Luke Parry, whose huge efforts recovering from a traumatic brain injury inspired Ian to help raise money.

The Silverlining Brain Charity offers opportunities for all those affected by brain injury to get involved in exciting and purposeful activities in the community. The charity relies on donors and fundraisers to continue their work, and at the last count Ian had raised over £2300.





Ashby Hope appointed a Member of the Most Venerable Order of the Hospital of St John of Jerusalem

Ashby, IT Officer at St John's, has been appointed for his services to young people in London & South Region. This award is effectively the equivalent of an MBE for the St John Ambulance service, and is appointed by the ruling monarch.

Ashby has been volunteering with St John Ambulance since he became a Cadet at ten years old. He has continued to volunteer for the past 30 years, most lately moving into youth leadership at a national level. After typically spending more than 1000 hours a year volunteering pre-pandemic, Ashby helped raise over £1000 for St John Ambulance over the pandemic with his 'Keep It or Sheep It' beard-growing fundraising campaign.

We're very proud to have Ashby as part of the team here at our own St John's!



Josephine Illingworth-Law

Kendrew Songwriting Prize

This year we launched the first ever Kendrew Songwriting Prize, open to submissions of original songs from students throughout the University. We received 20 high-quality entries in a wide range of genres, which were judged by our 2022 Sound Artist in Residence Rawz and his colleague from Inner Peace Records Tiece, along with Professor Sarah Hill and Professor Jason Stanyek.

This year's winning song is 'Sunsleeper' by Josephine Illingworth-Law (a third-year music student at University College). Second prize went to 'Epilogue', a song co-written by Briana Williams and Aris Sabetai (both first-year music students at Somerville). The panel also gave an honourable mention to Eve Caston (a second-year music student at St Peter's) for her song 'Bitten like a Dog'. The winning entries can be listened to on our website.



Erika Cristina Vega Gonzalez (left) and Minying Huang (right)

Mapleton-Bree Prize

The Mapleton-Bree Prize is awarded annually for a piece of creative work by any junior member of St John's. This year the high calibre of entrants was reflected by the fact that the judges awarded two winners in addition to one runner-up across a range of creative media.

This year's Mapleton-Bree Prize attracted entries from poets, authors, composers, and artists. Erika Cristina Vega Gonzalez and Minying Huang were jointly awarded first prize, for the composition of the music for the CHRYSALIS: Americas project and a poetry collection respectively. Grace O'Duffy was awarded runner-up for her mini graphic novel telling the Norse legend of Sigurdr the Dragon-Slayer, produced in both English and Old Norse.



Grace Molloy wins Oxford University Sportswoman of the Year

Hot on the heels of her win at the St John's Sports Dinner this Trinity, Grace Molloy scooped the top prize at this year's Sports Ball, taking home the trophy of University Sportswoman of the Year.

The award, sponsored by Walters of Oxford, recognises the University's top female athlete based solely on their sporting achievements, and on that basis Grace is certainly a worthy winner.

Internationally, this year Grace has competed in the Orienteering World Cup in Sweden and the World Championships in Denmark, representing the GB senior team on both occasions. Grace also represented Scotland U23 in Cross Country at the Home Countries International, and has finished in the top 25 orienteers in the world at various international events.

At a University level, Grace has been awarded eight blues over the past two years, competing in a wide range of sports including football, orienteering, cross country, and athletics. She balances her sporting commitments very impressively with her Physics degree, of which she is now entering her final year.



Alice Watson awarded research grant in celebration of the BBC's centenary

Alice, a postgraduate at St John's College and in the School of Geography, is one of the few people to have been awarded a grant to conduct public engagement research in celebration of the BBC's centenary this year. To mark 100 years of broadcasting, the Arts and Humanities Research Council (AHRC) has launched an exciting programme of public engagement activities. This includes supporting seven new research projects across UK universities that will directly involve public participants to examine, explore, and articulate their connection with the BBC.

Alice's project, which she developed in partnership with BBC History, is focusing on the successful series *Call the Midwife*. Building on her doctoral research on radio broadcasting, she aims to co-produce with audiences a special podcast series that illuminates the cultural impact of the programme.

If you would like to keep up-to-date on Alice's progress, follow her on Twitter @AliceEWatson.



Khadijah Ali: 'Students in their Element'



Khadijah Ali: 'Glitterball'



Sara Dragutinovic: 'Women in STEM'

St John's Photo Competition celebrates our community

We received over 60 entries to this year's Photo Competition, for which we invited entries on the theme of 'Community'. The entries were judged by Robert Taylor, the award-winning photographer behind our Celebrating Diversity exhibition, along with Dr Georgy Kantor, Keeper of the Pictures, Professor Hannah Skoda, Keeper of the Silver, and members of the Communications team.

Khadijah Ali (2020, German) scooped both the first and second prizes with 'Students in their Element' and 'Glitterball' respectively. On 'Students in their Element',

Robert Taylor commented "There was immediate and enthusiastic agreement about this joyful, authentic representation of an important aspect of student life."

Third prize was awarded to Sara Dragutinovic (2021, Mathematics and Computer Science) for her photo 'Women in STEM', a unique take on the theme. The judges praised 'this deceptively simple image [which] rewards a second glance with its delightfully whimsical take on the theme of community, hinting at all sorts of possibilities'.



Rawz

Artists in Residence

We were delighted to be able to restart our artist-in-residence programmes again this year.

Rawz was Sound Artist in Residence during Hilary and Trinity Terms. Born in Blackbird Leys in Oxford, Rawz is an MC and a poet, and a member of the Inner Peace Records collective. Extremely active as a youth worker and teacher, he established the Urban Music Foundation in 2009, through which he delivers mentoring services, tutoring, and workshops. He has led 'Digging Crates', a project supported by the Oxford Research Centre for the Humanities that collects sound samples of instruments held in the Pitt Rivers Museum collection and uses these to create equitable musical exchanges between musicians and researchers across the globe. Rawz has explored the use of hip-hop music and culture through lectures and workshops, covering a wide range of themes, from the global impact of colonialism and slavery to introspective reflections on a person's choice of footwear.

Uriel Orlov was Artist in Residence in Trinity Term. His work – across photography, film, drawing, and sound – emerges out of concerns with spatial manifestations of memory, residues of colonialism, social and ecological justice, blind spots of representation, and our entanglements with plants. He led an image-making workshop and an ambulatory collective reading performance in the Oxford Botanic Garden. While walking through the gardens, participants read selected texts featuring human-botanical entanglements and plants as protagonists.

Royal Institution's 2022 Christmas Lectures

Professor Dame Sue Black, President and one of the world's leading forensic investigators, will deliver this year's Christmas Lectures from the Royal Institution.

The three Lectures will be broadcast on BBC Four in late December with Dame Sue sharing the secrets of the real-life scientific detective process she uses to identify both the dead and the living. Using stand-out cases from her career, Dame Sue will show why we should not believe everything we see in our favourite TV crime dramas. The lectures will explore the huge leaps forward in forensic science, as well as some of its limitations, and what the future might hold.

Dame Sue has played a lead role in some of the world's highest profile forensic investigations, helping to identify the victims and perpetrators of conflicts and disasters internationally, including the conflict in Kosovo where she was the lead forensic anthropologist to the British Forensic Team, and the Thai Tsunami Victim Identification Operation.



Paul Wilkinson

President's Concert

The President's Concert on the afternoon of 30 April was a musical celebration by all sections of the College community and included performances by current students, alumni, staff, and a Fellow. It was excellent to have the return of the concert which had been paused for two years for the refurbishment of the Auditorium and then for a further two because of the pandemic.

The audience was treated to jazz, classical, modern, and world music – including breathtaking Carnatic singing – played on a wide range of instruments including the piano, Chinese zither (*guzheng*), marimba, guitar, and soprano saxophone. Moving from Donizetti to Kreisler, Schumann and Rachmaninov with pieces from Qiu Dacheng, the Beatles, Rodgers & Hammerstein, and Duke Ellington, it really was a magical afternoon.

The concert ended with a delicious afternoon tea for guests and performers in the Garden Quad Reception Room.

Huge thanks to our talented performers:

- William Blythe (2020, Oriental Studies)
- Nishant Chauhan (2020, Earth Sciences)
- Cleopatra Coleman (2021, English and Modern Languages)
- Jenny Fay (2000, Chemistry) with Edward Wren
- Julian Gonzales (2018, Mathematics)
- Francis Goodburn (2011, Mathematics and Computer Science)
- Lizzy Gür (2021, European and Middle Eastern Languages)
- Vighnesh Hampapura (2021, Comparative Literature and Critical Translation)
- Alice Hill (2021, Music)
- Thomas Holvey (2015, Physics)
- Sofia Kirwan-Baez (2015, Music)
- Beth Mokrini (2012, Philosophy and Modern Languages)
- Tobias Paterson (2017, Ancient and Modern History)
- Harry Reddish (2014, History)
- Aoife Soni (2021, Ancient and Modern History)
- Osman Tack (2011, Chemistry)
- Elizabeth Tiskina (2020, History and Modern Languages)
- Yijia Tu (2020, Musicology)
- Elenor Vockins (2021, German and Italian)
- Yuqing Weng (2018, History and Economics)
- Professor Elizabeth Wonnacott (Applied Linguistics, Dept. of Education and St John's) with Edward Longhurst
- Chang Ho Yoon (2020, Biomedical and Clinical Sciences) with Rebecca Celebuski



A problem shared is a problem solved

Professors Julia Bray, Stefan Kiefer and Stuart White have solved an intractable puzzle.

About fifty years ago, St John's mathematicians were asked by the then Laudian Professor of Arabic, Freddie Beeston, to help him solve a thousand year-old Arabic mathematical problem. They failed. Today, their counterparts, Julia Bray (Arabic), Stefan Kiefer (Computer Science) and Stuart White (Mathematics) think they've cracked it.

The problem has a long College connection. It occurs in a story in a manuscript brought back from the Levant in the 1630s by the first Laudian Professor, Edward Pococke. An Arab grandee gives a lift in his barge to an old man calling for help from the riverbank. He is rewarded by the old man rudely asking his profession and setting him problems to test his competence. The grandee gets all the answers wrong, and the old man explains the solutions. One of the problems is: how would you, for taxation, measure a piece of land of a certain shape? For modern readers, the mathematical problem is compounded by linguistic ones: the term for the shape is hopelessly

garbled in our manuscript and in all other manuscripts, versions and editions of the story, and different versions give different accounts of the grandee's (mis)calculations.

The problem falls into three parts: to identify the shape; to work out from the old man's objections why the grandee's answers are wrong; and to corroborate the old man's solution. All the texts make it clear that the old man was asking the grandee to calculate the area of a partly curved figure. In some versions, the old man not only objects to the grandee's solutions but points out that his first measurement would be too small and his second too large. From this, Stefan and Stuart worked out that the figure must be a segment of a parabola, and that the grandee only knew how to measure triangles and rectangles.

Here, in pictures, are their workings, followed by what we now think the original Arabic means.

Old Man: "The disputed piece of land is shaped like a [garbled]. How are you going to measure it?"

Grandee: "I'd take its length measured from the curvature and then take its width and square it."

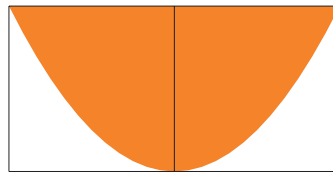
OM: "But this is a [parabola]!" [$>$ area measured too small]

G: "Then I'd take the breadth and multiply it by the base."

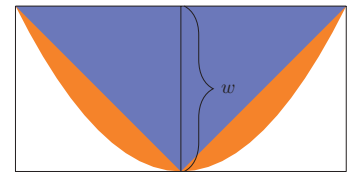
OM: "In the given case, your base is bent." [$>$ area measured too large]

G: "I give up."

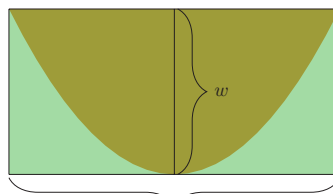
OM: "What you should do is measure the base and get a numerical value for it, then square it and multiply it by a third."



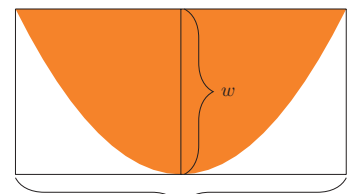
(a)



(b)



(c)



(d)

Figure 1: (a) Orange piece of land whose shape is a segment of a parabola. (b) The grandee's first proposed area calculation amounts to the area of the blue triangle, w^2 , which is too small. (c) The grandee's second proposed area calculation amounts to the area of the green rectangle, $w \cdot b = 2w^2$, which is too large. (d) The old man correctly calculates the area of the orange segment as $b^2 \cdot \frac{1}{3} = \frac{4}{3}w^2$.

If anyone reading this would like to see the Arabic terms used and the calculations proposed in the different versions, and can suggest another solution, please contact Julia (julia.bray@sjc.ox.ac.uk).

Research News

From books to talks to articles, papers and media appearances, it's been another productive year at St John's. Here we sample just a little bit of what's been happening.

PROFESSOR KARTHIK RAMANNA

Managing in the age of outrage

On Wednesday, 29 January, 2020, a group of students from across Oxford occupied the College's Front Quad to protest our endowment's continued investments in fossil fuels. At heart was their claim that the College's long-time strategy of generating competitive financial returns on the endowment, to meet our educational objectives, was flawed. They suggested that instead, the College should develop an investment strategy that pursues 'higher' social responsibilities such as de-carbonisation.

This will likely not be the last time we see such protests, and by no means is St John's unique in being at the receiving end. The next decade promises to present a period of increasing demands on organisations the world over, to more directly tackle great problems such as climate change, social justice, and de-colonisation. For instance, businesses are being asked to subsume the pursuit of profit to meet the challenges of the moment, and even the august British Academy has gotten in on the game, calling for capitalism to be reinvented.

So, what can organisations – large and small, charitable and commercial – do about all this? How can they navigate such issues that can tear them apart?

In my 'day job' for the past six years, as Director of



Oxford's Master of Public Policy programme, I have had to confront such questions. The Oxford MPP annually convenes about 140 participants from over fifty countries who range in age from the early twenties to the early fifties. They are chosen *because* of their very diverse political views (about half come from parts of the world that don't even subscribe to universal adult suffrage), to help educate each other in that most elusive of public-leadership skills: building unlikely coalitions.

Partly to guide myself in this job, I started, a few years ago, a research programme on the topic of *Managing in the Age of Outrage*, which has since become an eponymous course for the Oxford MPPs. The course offers a framework for those in organisational management positions in this distinctive age of anger, angst, and polarisation. The framework has been built inductively through a series of deep-dive case-studies and through analytical insights from disciplines as wide-ranging as the science of aggression and literary criticism, from economics, organisational behaviour, and political philosophy. The framework is based on two

basic axioms. The first is that no matter what you do as a manager, you will never fully address the demands made of you. And the second: no matter what you do, you will be seen as part of the problem.

There are then five steps to the framework that offer managers practical lessons on how to: (1) Turn down the temperature; (2) Do a causal and catalytic analysis of the outrage they are currently confronting; (3) Set a scope and boundaries to ensure their responses are sustainable; (4) Identify the appropriate tactics for delivering on those responses; and finally (5) Renew their own resilience for the next challenge that will come their way.

DR MISHKA SINHA

A History of Diversity

St John's College has a history of diversity dating back to at least 1889, when Edward Ainslie Gordon Sanderson became the College's first Black student. Students from Asia, Africa and the Caribbean, and from Britain's formal and informal empire, began to arrive in increasing numbers after the 1871 Universities Tests Act removed the final barriers for non-Anglican membership of the University.

Research on these students for the St John's College and the Colonial Past research project seeks to make visible the debt owed to a diversity of members in the making of a shared history. These members helped shape the transformation of the College and the University in the late nineteenth century, from a still small and provincial institution with a limited curriculum teaching largely upper-class and wealthy English undergraduates, into an international university producing world-leading teaching and research, making St John's and Oxford, intellectually, culturally, and materially, what they are today.

These students cannot be found in individual portraits but they are visible in two kinds of photographs from the College Archive: photographs of College sports teams, which have the names of team members written below, and photographs of the whole College or of those matriculating in a particular year, where there are no names given. In the latter case we must guess at who they are, or try to identify them if we can with the help of later likenesses, to reveal them to posterity and current knowledge.

One such student was Edward Ainslie Gordon Sanderson (St John's 1889–92; BA 1901). He was born in 1868, and was educated at the highly prestigious Harrison College,

Bridgetown, Barbados. In 1888, Sanderson arrived at Oxford to read Mathematics. He matriculated at the University as a Non-Collegiate student (an option that enabled poorer students to take degrees at Oxford without paying expensive College fees). In 1889 he migrated to St John's, where he won two scholarships and played Rugby for the First XI. From British Red Cross records we know that Sanderson volunteered with the V.A.D. and served on night duty at Westbourne Hospital, London from 1918–19. Sanderson taught as a schoolmaster and was later a lecturer at King's College, London. He married in 1904 and had at least one son, settling with his family in the Fulham area, where he died in 1941.

Edward Sanderson is just one of the students uncovered as part of the Colonial Past project. The online exhibition on the College website tells more of their stories.





Around ten per cent of babies are thought to have infections after birth, and it is important to realise that these babies may be more sensitive to pain when they are handled and cared for in hospital.

Pain in Newborn Babies

Professor Rebeccah Slater, Professor of Paediatric Neuroscience, shows that early life inflammation increases sensitivity to pain in newborn babies.

Professor Rebeccah Slater and her team work at Oxford's Department of Paediatrics in the John Radcliffe Hospital. Their work aims to better understand how to measure and treat pain in newborn babies. Recently they have discovered that inflammation experienced in early life can increase a baby's sensitivity to pain, which may have long-lasting consequences after the inflammation has been treated.

In a new study published in *Nature Communications*, Professor Rebeccah Slater and her team observed newborn babies who required a standard heel-prick blood test to look for signs of potential infection. When the results of the baby's blood test suggested that the baby may have an infection that required antibiotic treatment, the researchers wanted to know if the early

life inflammation experienced by these babies was associated with increased discomfort or sensitivity to pain. In addition, they also wanted to find out if the babies who received antibiotic treatment, who had their signs of inflammation successfully treated, continued to have increased sensitivity to pain that outlasted the period of inflammation. This is a highly relevant clinical question because epidemiological data suggests that early life trauma or disease, which is presumably associated with a high degree of inflammation, may affect a person's vulnerability to developing chronic pain in later life.

The team found that babies with laboratory markers of inflammation (raised C-Reactive Protein, (CRP) levels in blood) that are associated with infection displayed increased sensitivity to pain. This was measured by

recording changes in each baby's brain activity, leg reflex withdrawal activity, facial expression, and heart rate in response to the clinically required heel-prick blood test. The babies who had raised markers of inflammation appeared to have greater pain-related brain activity in response to a subsequent heel-prick blood test. The observation that inflammation is associated with increased pain sensitivity has the potential to impact many lives because, for example, in the UK between 13 and 20 per cent of newborn infants in postnatal wards are considered to have suspected infections after birth. Nevertheless, the consequences of early-life inflammation on human pain experience remain relatively unexplored.

To conduct these studies the team record brain activity in newborn infants at the cotside using electroencephalography (EEG). In previous work, they have identified a specific pattern of pain-related brain activity that is evoked when an infant undergoes clinically necessary painful procedures, such as cannulation, heel-pick blood tests or vaccinations. The change in brain activity can be observed as a deflection in an EEG recording. By measuring the size of this deflection, it is possible to use this activity as a surrogate pain measure in non-verbal infants. This is particularly useful in the case of sepsis because clinical symptoms of sepsis include fatigue, which can potentially diminish an infant's ability to display robust behavioural pain responses. These behaviours are a critically important way for infants to communicate with their care-providers and alert them that they are experiencing pain.

The team also noticed that the babies were also more sensitive to touch, which is consistent with clinical reports that infections can make babies more irritable. When babies were gently touched on their heel, they

showed more reflexive leg withdrawal activity. However, behavioural signs of pain, such as facial grimacing, did not appear to be exaggerated by the presence of inflammation, which is likely to be because fighting an infection can cause babies to be more lethargic and fatigued. Importantly, this suggests that inflammation can differentially impact various aspects of observed pain-related activity, such as brain responses and body movements.

The study also provided exploratory data to suggest that increased pain sensitivity may be maintained after the infection has been treated, supporting other laboratory studies which show that early-life infection can have a long-term influence on pain sensitivity that lasts into adulthood.

Rebecca Slater, who combines her fellowship at St John's with being Professor of Paediatric Neuroscience and Senior Wellcome Fellow in the Department of Paediatrics, said: *'Around ten per cent of babies are thought to have infections after birth, and it is important to realise that these babies may be more sensitive to pain when they are handled and cared for in hospital. As babies can't tell us when they are feeling pain, finding ways to measure pain, including looking at their brain activity, is essential to improving clinical care.'*

Dr Maria Cobo, a postdoctoral researcher working in the team, who was the first author of the study, said: *'It is thought-provoking to know that increased sensitivity to pain appears to last longer than the infection, highlighting the importance of constantly reviewing and improving the care we provide for newborn babies. Knowing that babies with infections may be more pain-sensitive will encourage physicians to make babies more comfortable while they undergo treatment for common infections, which is important for both babies and their parents.'*



The full paper, 'Early life inflammation is associated with spinal cord excitability and nociceptive sensitivity in human infants', is published in *Nature Communications*.

On Life-Writing

Professor Patrick Hayes, Tutorial Fellow in English, examines how and why the most personal kinds of writing have become such an important part of the cultural landscape.

Until quite recently, the world seemed to have no need for a history of life-writing. There are lots of scholarly books about the history of autobiography and biography, and some about diary and memoir. But we had to wait until the 21st century for life-writing to emerge as a subject of sufficient interest for Oxford University Press to commission its new seven-volume history. Three volumes have so far been published: one covering the Middle Ages (by Karen Winstead), one on the Early Modern period (by Alan Stewart), and as of January this year my own volume, which completes the history from the end of World War II to the present day.

So what is life-writing?

In the period after 1945, intellectuals started to concern themselves with a much wider range of personal writing than had hitherto been the case. Social historians took a new interest in rescuing the political

experiences of labouring-class people from what E.P. Thompson famously called ‘the enormous condescension of posterity’. Feminist writers, from Virginia Woolf to Adrienne Rich, started to excavate the experience of women whose lives had generally not been described in the more prestigious biographical forms. Scholars concerned with the hidden histories of sexuality and racial oppression took similar approaches. Life-writing emerged as a usefully loose and baggy term which could gather this expanded attention to a wide range of personal writing – not only autobiography, but also private journals, letters, writs, wills, written anecdotes, ledgers, account books, marginalia, and court proceedings – which offers a record of forgotten or repressed experiences.

But our contemporary use of the term ‘life-writing’ is by no means exclusively defined by these kinds of cultural politics. In the 20th and 21st centuries, new literary forms have kept enlarging and disturbing our sense of what it means to describe a life. Experimental writers, from Anaïs Nin to W.G. Sebald, created texts that interestingly bridged fiction and personal experience, which critics have tried to describe with hybrid terms like ‘autofiction’ and ‘biofiction’. Most dramatically, the rise of social media keeps generating new modes of self-expression, including blogs, tweets, YouTube videos, and Facebook pages. In response to these various developments, by the early 21st century the study of life-writing had become remarkably interdisciplinary, featuring conferences involving an unusual mixture of historians, literary critics, social anthropologists, digital media gurus, and cultural studies scholars.

While I’ve long been interested in it, life-writing is not what I normally write about. My previous work has included books about the history of the novel (*J.M. Coetzee and the Novel* (2010)), the relationship between literature and ethics (*Philip Roth: Fiction and Power* (2014)), and the long debate about the connections and divergences between literature and philosophy (*Beyond the Ancient Quarrel* (2018)). What appealed to me about the *Oxford History* was quite simply the opportunity to explore the ways in which writing might be said not only to describe modern identity, but also to revise and recreate it. More particularly, I was interested in



examining the wider cultural stakes of the very public appeal to personal experience, which has had such a transformative impact on how we think about the self. How have we been collectively changed by broadcasting our intimacies and confessing our pain? What is the balance of gain and cost in the enormous process of recuperating and describing repressed or ignored experience that has taken place in our times?

On the one hand, the life-writing of this period can be credited with having played an essential part – for many people, though in unequal ways – in expanding and enriching what it means to pursue self-fulfilment. With the easing of censorship, including self-censorship, and the increasing frankness of public disclosure that resulted, life-writing contributed greatly to the broad social process that sociologist Anthony Giddens has named ‘the transformation of intimacy’. Texts as diverse as confessional memoirs, lyric poems, and therapy manuals have brought what goes on inside human relationships to an unprecedented level of public scrutiny, helping us to challenge and revise some of the more egregious imbalances of power. There have been equally clear gains from the way life-writing has been used to extend recognition and redefine what counts as legitimate and valued forms of selfhood. Autobiographies and memoirs were crucial in helping to grant what cultural studies scholar Lauren Berlant calls a ‘permission to thrive’ to marginalised people, providing readers of these texts with ‘anchors for realistic, critical assessment of the way things are,’ and ‘material that foments enduring, resisting, overcoming and enjoying being an *x*’ – where Berlant’s ‘*x*’ marks the wide range of identities that have entered into visibility in this period as newly-empowered ways of being. The popular dissemination of life-writing has been central to the reimagining of gender roles and the rethinking of sexuality; it has played a part in the claiming and redefining of ethnic or racial identities, and in revising our understanding of what it means to have a disability or an illness. Testimony narratives became important within various processes of historical redress, raising consciousness and generating empathic connections with the victimised and the oppressed. Many people have also come to understand life-writing as having a significant therapeutic potential, in ways that descend from the legacy of psychoanalysis. Ideas about ‘mental health’ became ever more pervasive in this period, and they tended to naturalise the conception of a life as something that has a story, whether written or unwritten. Learning to identify yourself with a narrative that explains what kind of person you are, and what kind of journey you are on, became essential to the ethos of empowerment which modern

ways of thinking about selfhood have tended to enshrine.

But the same processes that transformed intimacy, redefined possibilities for self-expression, and started to manage our lives in various therapeutically improving ways, also possessed a considerable power to reify human experience into packaged identities and unilluminating moral categories.

As the language of therapy seeped ever further into everyday life, its process of self-scrutiny brought with it a rationalisation of the inner life with every bit as much ability to banalise as empower. As our intimacies became more visible and better-analysed they could also become colder, and a slick over-commodified quality started to inhabit certain kinds of modern selfhood – a problem that became particularly visible in the popular forms of memoir writing which emerged in the later part of this period. The new kind of consumer capitalism that took off in the postwar years played a major role in creating a boom in life-writing, not least in the form of large marketing budgets for multinational publishing houses, and new channels for disseminating life-stories on television and through the internet. But in doing so it often encouraged identification and emotionalism as a way of learning about the historical past and thinking about social problems, leading to a sentimentalised public discourse which often distracts and trivialises more than it genuinely informs. Another product of consumer capitalism was the multi-media infotainment business, which started to generate glossy and ephemeral forms of life-writing on an enormous scale. The realm of literary culture became increasingly saturated by the celebrity industry, and serious authors were obliged to find ever more inventive ways of fending off its power to domesticate and neutralise their writing. With the rise of the new social media platforms, such as Facebook and Twitter, there emerged an equally new potential for humans to become completely transparent selves, constituted as marketing objects by their ‘likes’ and ‘dislikes’.

That’s a brief summary of the vast field that the book tries to encompass, in a series of chapters on different topics – starting with testimonies about the Holocaust and concluding with a chapter on the impact of social media. The phenomenon of life-writing after 1945 can only be appreciated, I came to see, through a very wide-angle lens that can take in a properly ambivalent response to its cultural achievements. Having finished the book, I am led to conclude that while life-writing certainly proliferated in our period, and had a range of fascinating and transformative effects, it is likely that self-knowledge has remained every bit as rare, as compromised, and as difficult of achievement as ever before.

Celebrating Diversity

The College's Working Group on Race and Equality met during 2020/21 to learn more of the lived experiences of our St John's BAME community. The Celebrating Diversity portrait exhibition is one of the outcomes of the Working Group, offering an opportunity to shine a light on – and give voice to – members of our staff, students, and alumni.

Fifteen members of the St John's community were selected by the Working Group, following a consultation open across the College community to recommend sitters for the portraits, and the final group included current students, alumni, and members of the academic and non-academic staff. Robert Taylor, a specialist portrait photographer with work in permanent collections including The National Portrait Gallery and the V&A Museum, was commissioned to photograph the collection. His vision of the College's ethnic diversity, and the sensitive dialogue into which he entered with the sitters, give us a set of images and voices that offer us much to reflect on.

The physical exhibition opened in our Barn Gallery space in January, with speeches from Professor Maggie Snowling, alumnus Musa Okwonga (1998, Jurisprudence), and the photographer himself. Musa, a renowned poet and recently elected Fellow of the Royal Society of Literature, performed a moving poem about arriving at St John's as an undergraduate, which we have printed here.

The exhibition was accompanied by a booklet in which each of the sitters wrote about their lived experience, providing a poignant opportunity to reflect on the lived experience of the sitters both within the St John's community and in the wider world.

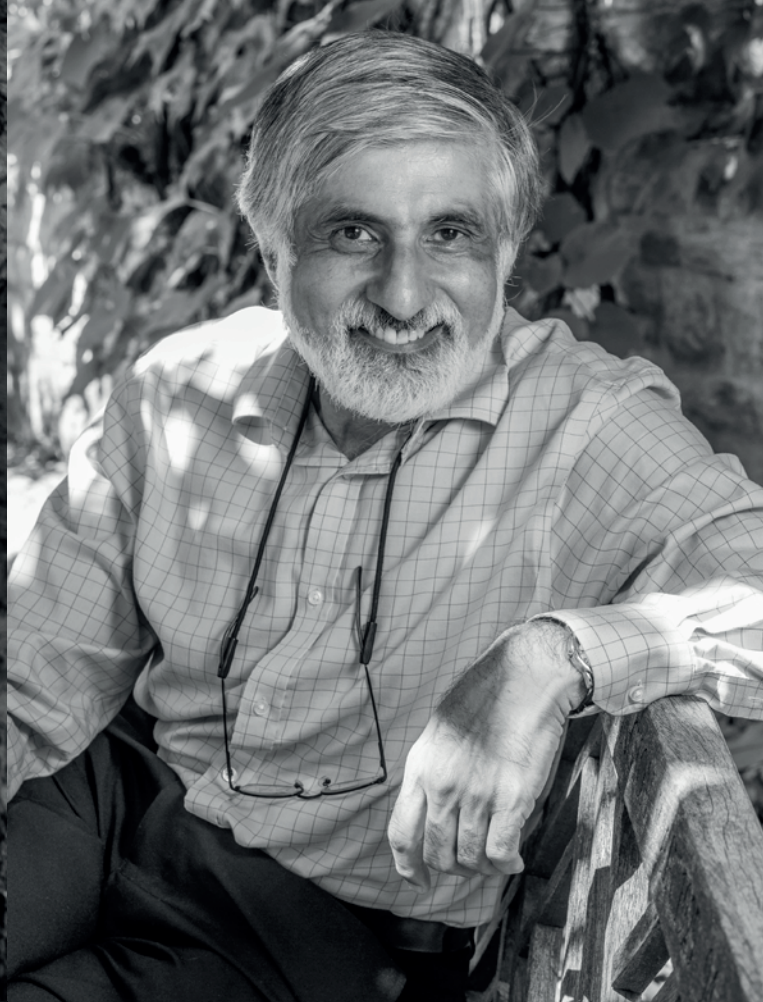
A selection of photographs of past generations of diverse St John's students sat alongside the portrait exhibition, curated by the St John's and the Colonial Past project. Dr Mishka Sinha, Research Associate on the project, said the idea came about because 'As we discussed it, it became more and more important [...] that we find some way of making visible the fact that [...] there is an identity of this College that goes back to a past that owes a debt to diversity. The idea was to make visible some of that past'.

If you would like to view the exhibition online, visit our website and search for 'Celebrating Diversity Exhibition'. The portraits are now displayed in various locations around College for everyone to enjoy.

This Magical Gallery

That opening moment at St John's,
When you as new students or staff cross the border
of the porters' lodge,
You all take lifelong ownership of a new home.
Regardless of your hardships, colour, culture or faith
This is a place where the table of your future can
be laid.
This college is just as much for Ukachi and Ali as it
is for Jones and Smith;
Whether your name is Anderson or Mohandas,
These walls and lawns are for you.
It is just as much your right, when woken for
lectures before dawn,
To yawn over breakfast in its halls.
So as you arrive,
With the happy rattle of your suitcase wheels
as they glide up St Giles for the first time,
You can imagine that, one day,
You may gaze out at us from one of these glorious
portraits;
In the meantime, you will always belong in our
crowd,
Your face, a proud part of this magical gallery.

MUSA OKWONGA



Clockwise from top left: Jirawan Urbanski,
Philip Maini, Layla Guscoth and Uche Ukachi

Photos by Robert Taylor

Inspire Update

Dr Eleanor Baker (2018, DPhil English) is the Programme Coordinator for St John's College access and outreach activities that target pupils in Years 9, 10 and 11 (ages 13–16). In the article below she discusses one of the largest programmes run by the Access Office: Inspire Critical Thinking.



DR ELEANOR BAKER, INSPIRE 9, 10 & 11
PROGRAMME COORDINATOR



The ability to think critically and independently is important, not only for pupils' academic development, but also for their engagement with the wider world.

The St John's College Access Office continually works to offer non-selective state school pupils ambitious, high-quality, and engaging opportunities to help them achieve their full academic potential. One of our largest programmes, Inspire Critical Thinking, works to develop one particular skill: thinking critically. This academic year, nearly 2,000 pupils from across the UK took part in this innovative programme, and we are now well underway for planning next year's workshops.

The ability to think critically and independently is important, not only for pupils' academic development, but also for their engagement with the wider world. Current secondary school pupils have grown up with social media, rolling news, and independent streaming services. This has provided them with a dazzling array of educational resources, expertise from across the globe, and encounters with knowledge and cultures they might never have otherwise received, but it has also meant that information is often received glancingly with little time for reflection, or through dubious sources that are attention-grabbing rather than thoroughly researched.

Inspire Critical Thinking is designed for pupils in Years 9, 10 and 11 who enrol independently, and the programme is delivered through a series of interactive and engaging online workshops. All pupils from non-selective state schools from the UK are welcome to register, no matter what their predicted grades or presumed aptitude: we believe all pupils should develop their ability to think critically. These workshops include a range of articles from St John's College academics, alongside podcasts, videos, and other resources that encourage pupils to probe more deeply into their existing interests and to discover exciting new topics. Each workshop contains content related to the articles that enable pupils to expand their horizons with further reading and explore degree courses and future career paths. The workshops also contain challenge opportunities where pupils can submit work (such as short essays, artistic responses, or mathematical

problem sheets) for the chance to win prizes and see their work featured on the Inspire Digital webpage.

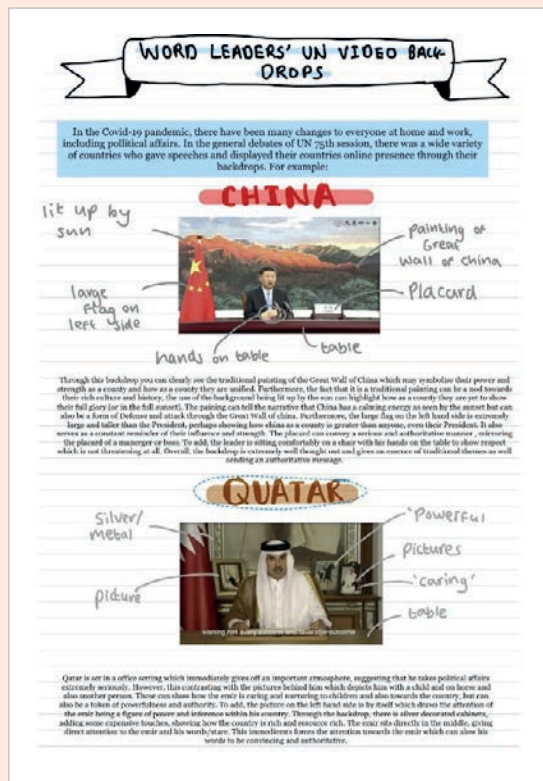
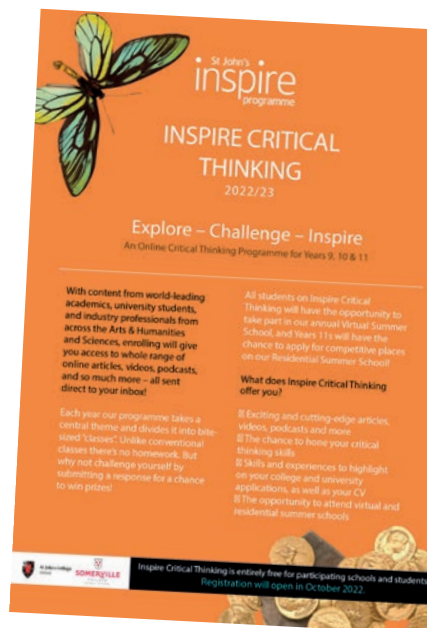
For the 2021/22 academic year, the chosen theme was 'Visions of the Future'. This featured inventive and engaging articles from St John's College academics, including 'Could your smartphone think?', 'How did medieval people respond to a global pandemic?', and 'How are digital technologies changing diplomacy?'. In the 2022/23 academic year the theme is 'Is Sport Ever Fair?', and we have already begun receiving article submissions on topics such as colonialism and sport in literature, and exercise and mental health.

All participating pupils have the opportunity to take part in our Virtual Summer School, which includes recorded academic taster lectures, sessions exploring the University of Oxford's GLAM (Gardens, Libraries, and Museums) collections, career information interviews, and study skills workshops. The Virtual Summer Schools have been developed so that pupils can engage at their own pace from wherever they are in the UK, and we offer Digital Assistance Awards (which fund, for example, a tablet stylus or headphones) to help pupils take part. Pupils who have submitted challenge entries are entered into a random draw for places at our Residential Summer Schools, which are taking place this July and August. These Summer Schools offer academic

sessions, the chance to experience student life at St John's, and some more exciting opportunities, like directing and acting activities with the Oxford Playhouse and graffiti workshops!

The aim of Inspire Critical Thinking is not to provide prescriptive opinions, or even to offer a definitive method as to how to think critically. Instead, it works to encourage pupils to be curious about the world, to independently reflect on the information they receive, and to have confidence in their own discernment.

As an alumna of St John's College (where I completed my DPhil), it is a pleasure to give back to the college that has given me so much, and I am delighted to be working on aspiration programmes that make a real difference to pupils' futures.



Examples of pupils' work



We are keen to hear the thoughts of the wider College community on how to make St John's a more sustainable place to live and work. Alumni are welcome to contact us with their thoughts, either through the anonymous form on the Sustainability pages on our website, or by directly emailing communications@sjc.ox.ac.uk.

Sustainability Working Group

Sustainability comes front and centre at St John's

Charlotte Mapp, Communications Officer, reports on the introduction of several new sustainability initiatives and the development of the College's Masterplan.

St John's recognises that global warming and climate change are amongst the most urgent issues facing society. Everyone has an important part to play in combatting this global crisis, and the College is committed to reducing its impact on the natural environment to ensure that our day-to-day operations, our buildings, and our overall strategy put environmental sustainability at the centre of all we do.

This year we've made significant strides towards what will be a much more environmentally sustainable future at St John's, taking into account our site, our wider carbon footprint, and engaging our whole community in the fight against climate change.

In February we founded our Sustainability Working Group, made up of representatives from across the St John's community and chaired by alumna Briony Fitzsimons (2001, Biological Sciences), an expert in sustainability strategy and policy. The group's initial aim is to develop an environmental sustainability plan for the College, starting with examining College operations before expanding to consider our broader commercial property and agricultural portfolios. This work will contribute to the College's overarching Environmental, Social, and Governance (ESG) policy, which will consider College operations from a more general sustainability standpoint. Members of the Working Group are currently developing targets for various aspects of the College's emissions, and will update the website Sustainability pages as soon as they are finalised.

The College community is at the heart of all we do at St John's, and so we know it is essential that all our members have the opportunity to contribute to the sustainability strategy outside of the Working Group. As such, we have appointed two Staff and Student representatives, who began their role with the first annual St John's Sustainability Survey, aiming to gather data on how our members feel about the environment, about sustainability at St John's specifically, and what they would like us to focus on moving forward. The survey concluded in June, and we received a lot of useful feedback which has given us a very clear direction for where to focus our future engagement efforts, from a regular sustainability blog to clearer information on recycling in College. We have published a full overview of the results of the survey which those interested can find on the Sustainability pages on our website.

At the centre of our plans for a sustainable future is the Masterplan, an ambitious strategy to adapt and improve our existing site to significantly reduce our



At the centre of our plans for a sustainable future is the Masterplan, an ambitious strategy to adapt and improve our existing site to significantly reduce our carbon emissions.

carbon emissions. The first stages of the plan involved an extended consultation, as well as a comprehensive survey of the current state of buildings in College. This has allowed us to create a strategy which will make significant long-term energy savings whilst ensuring that St John's will remain a welcoming and accessible place for all those who live, work, and study here, as well as retaining the character of our wonderful buildings and spaces.

Short-term plans will focus on repairing priority areas and introducing fabric improvements to existing buildings, such as adding insulation and double-glazing, replacing old doors and windows with more energy-efficient versions, and improving air tightness. We estimate that these initial upgrades alone will reduce our energy use on-site by up to 20%. In the longer term, a new renewable energy centre will allow us to cut our consumption by 80% compared to its current level, a significant step towards the College's ultimate aim of reaching Net Zero.

We have also been increasing the environmental expertise in our academic community, welcoming our first ever Net Zero Fellow, Dr Jessica Omukuti, to St John's in September 2021. Dr Omukuti is a Research Fellow on Inclusive Net Zero for the Oxford Net Zero Initiative, focusing on understanding how global action on climate change through net zero can be inclusive to different groups of people, particularly those in the Global South. She also sits on our Sustainability Working Group, where her expertise is much valued.

As we build on this year's progress to move towards a greener future, we hold on still to the unique character of St John's formed over the last 467 years. With the help of these new initiatives, we look forward to ensuring this legacy continues for the next 467 years in a way that is sustainable for both our people and the planet.

A New Chair and Two New Professors

This year, we were able to celebrate the inaugural lectures of two new statutory professors: Ben Macfarlane, who has become Professor of English Law, and Brenda E. Stevenson, who is the first ever Hillary Rodham Clinton Chair of Women's History.

Inaugural Challenges

Professor Ben Macfarlane, Professor of English Law, describes the experience of giving his inaugural lecture, 'The Persistence of Equity: Lessons from the Trust'.

On returning to Oxford as Professor of English Law in October 2019, I had the opportunity to give an inaugural lecture. After having used the first term back to reacquaint myself with the acoustic charms of the Law Faculty's subterranean Gulbenkian Lecture Theatre, I started to make some plans early in 2020. Little did I suspect that my next lecture in that theatre would be the inaugural itself, at the end of March 2022. This delay did, however, have three benefits. First, the new hybrid facilities meant that a large online audience were able to join the lecture live (and that a recording of it is now available on the Law Faculty's YouTube site); second, a keenness to meet in person once more ensured a good audience in the Gulbenkian itself; third, the newly restored St Giles House was available to host the dinner afterwards, and I am very grateful to Jasen and his team, and to the Events Office, for all their help in making the dinner so enjoyable.

The challenge for such a lecture is to make it of interest to all those in the room, whether they be Justices of the Supreme Court (three of whom were present), those aged under 12 (also three; but not the same three), my parents, my predecessors, or the President of St John's. I had a particular duty as, in a misplaced reading of parental obligation, my sister had insisted that her two teenagers, who had tickets for 'We Will Rock



Professor Ben Macfarlane

You' that evening, should come to hear me talk about law instead. This did at least turn out to be a providential source of jokes: flamboyant costumes, showmanship, and even the late Queen all featured.

Indeed, I started with her late Majesty's reference, in a 2002 speech to the joint Houses of Parliament, to the 'moderate, pragmatic' nature of British people, who are 'more comfortable with practice than theory'. Whatever your view of the general merits of that analysis, it is certainly often said that English law (which forms at least a large part of the law applied to around one third of the world's population) is characterised by its pragmatic, 'bottom-up approach'. This is because many of the fundamental principles of English law have been developed by judges, in their very practical job of resolving disputes. For example, the focus of my lecture, equity, is a set of rules and principles that arose specifically from a particular set of courts and which is nowadays often celebrated for the flexible, pragmatic way in which it has shaped English law.

My argument in the lecture, however, was that pragmatism can only get you so far; to understand the

modern role of equity and, in particular, the trust, we have to examine the special conceptual nature of its rules. This leads to the happy conclusion that, even in England, academics have an important role to play in shaping the law.



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Susie Byrd's Life and Lessons

Creating History (and an archive) at the Intersection of Gender, Jim Crow, and Remembrance

Professor Brenda E. Stevenson, Hillary Rodham Clinton Chair of Women's History, contextualised the experiences of girls and women, especially those who are typically marginalised, in her inaugural lecture.

As a social historian, one of the first lessons that I learned when trying to work my way through the truths, deceptions and confusions overlaid in scattered sources and muffled voices, is that women tell women's stories. (My mother, I always like to note, told me stories of our female ancestors that her mother had told to her.) We speak, whisper, rhyme, joke, sing, hum, sew, embroider, quilt, weave, braid, and dance to and for our intimate audiences of daughters, friends, kin and – thankfully – sometimes to interviewers who record us, the bits and pieces of our own and of other women's scabbed over histories, even daring sometimes to rip off the scab and let the blood drip, hoping it will touch – someone like Susie Byrd.

Susie Rosa Catherine Byrd, named for her two grandmothers, was born in the rural community of Keswick located just seven miles east of Thomas

Jefferson's Monticello and in the heart of Virginia's hunt and horse country. For many US citizens, the year of Susie Byrd's birth – 1899, at the cusp of a new century – elicited great enthusiasm and hope for the dawning of a better nation and world. Black people also held onto hope that the beginning of the 20th century would usher in much needed change in their status and lives, but skepticism was justified. 1899 was just three years after prominent statistician Frederick L. Hoffman in his *The Race Traits and Tendencies of the American Negro* prophesied a bleak future of black extinction and, more importantly, the Supreme Court's Plessy v. Ferguson ruling that made racial apartheid (euphemistically labelled segregation or 'separate but equal') the law of the land.

The end of the 19th and beginning of the 20th centuries were, without a doubt, a 'nadir' in race relations in the US. W.E.B. Dubois is famous for crafting many 'truths'



Professor Brenda E. Stevenson

about race in America, none more profound than his 1903 dictum – ‘The Problem of the twentieth century is the problem of the color-line, – the relation of the darker to the lighter races of men in Asia and Africa, in America and the islands of the sea’. For black people living during that time, including Susie Byrd’s relations, this ‘nadir’ meant a preponderance of white terror instituted against them – lynchings, rapes, race massacres, and disenfranchisement, along with inequalities, exclusions, and dehumanising depictions and treatment of every imaginable sort.

Given this societal context, how and why did Susie Byrd, this black female of the Jim Crow South, come to contribute so profoundly to our understanding of enslaved life and, in particular, gendered slave life? Some opportunities were circumstantial; others she painstakingly forged. This was not only a period of racial despair, but also the era of the New Woman, characterised by an emphasis on female access to higher education, professional work, and activism, particularly the suffrage campaign. This reinvigorated embrace of female activism and visibility proved to be inspirational and advantageous across race and class lines. Important, as well, was the expansive national economy of the Gilded Age and Progressive era that brought industry, markets, and jobs across racial and gender boundaries to southern cities

like Petersburg, Susie’s eventual home. This period also witnessed the dawn of the ‘New Negro’. The latter signified the birth of new black civil rights initiatives such as the Niagara Movement, the precursor of the NAACP; black diasporic artistic production, none more renowned than the Harlem Renaissance, and, of course, the cultural nationalism and self-determination realised so brilliantly in the black public imagination that embraced Garveyism. The New Negro movement and Garveyism, although typically affiliated with northern urban black life, activism, and intellectualism, also had tremendous sway in the Midwest and South. Both were inclusive of, and supported by, the black women’s club movement’s political agenda and determination to ‘lift as we climb’. These phenomena intersected with, contextualised, and undergirded Susie Byrd’s developing ambitions and eventual influence.

A precocious child, Susie skipped several grades, graduating at the age of 12 and moving directly on to matriculate a two-year course at the black college where she received a teacher’s certificate in a field deemed necessary for any upwardly mobile young lady – home economics. While Susie went on to become a teacher in the local black public schools, her own formal education did not end then. She soon was back at her studies, spending much of the next decade enrolled in summer



When the Great Depression arrived, she had been for years a highly regarded teacher and school administrator throughout her town of Petersburg and the adjoining rural counties. Susie was an excellent choice for the public works initiatives that the federal government hoped would relieve some of the financial suffering of the nation's educated men and women.

school courses, both at her alma mater, at Hampton Institute, and at an extension for black students from the College of William and Mary. She focused on pedagogy as well as social work. When the Great Depression arrived, she had been for years a highly regarded teacher and school administrator throughout her town of Petersburg and the adjoining rural counties. Susie was an excellent choice for the public works initiatives that the federal government hoped would relieve some of the financial suffering of the nation's educated men and women.

The Virginia Writers Project, as it eventually came to be known in that State, entailed the gathering, analysing, and publishing of historical information about Virginia from 1607 forward. Although the history of black people and their experiences was not initially funded, eventually black scholars at Hampton Institute were able to employ black professionals to assist in the gathering of archival material – ethnographic and autobiographical accounts mostly, including the songs, jokes, work experiences, medicinal practices, folkloric tales, religious beliefs, resistance strategies, and memories of those who had been enslaved in their early lives.

As a field ethnographer, Byrd provided 35 interviews that survived (15 have been lost), more than any of her peers (most only completed one to six). Her prolific recordings have had undeniable significance for three reasons: she provided the most interviews from the state with the longest lasting black slave society (from 1619 to 1865) and that was the largest (in terms of African imports and African/African descended populations) in the United States. Additionally, Virginia exported the most enslaved people to the lower South and Southwest via the domestic slave trade. The persons whom Susie Byrd interviewed, therefore, encoded at least nine generations of enslaved experiences, culture, and conversations in

their responses, and not just from Virginia but, because of their forced migration to other portions of the South, from many of those who populated other sites of the nation's black slave society. Additional aspects of her work also elevated its worth. Byrd's interviews were some of the most detailed and informative, particularly regarding the lives and subjectivities of enslaved black women.

While many detailed the joy that they were able to squeeze out of their harsh realities (via dance, worship, songs, jokes, folk tales, romance, and parenthood) the formerly enslaved whom Byrd encountered asserted that they, and their relations, were routinely and systematically forced to work too hard, and punished harshly, even inhumanely, if they did not or could not meet their work quotas. They noted that they were, with rare exception, not given suitable or enough food, clothing, or housing. Instead of accepting their conditions, they resisted and begrudged the brutal, humiliating punishments meted out by both male and female owners to men, women, children, and the elderly, and resented, even in their old age, the memory of how they were driven like cattle with no payment for their efforts. Unlike most US historians of the early 20th century who wholeheartedly supported notions of white 'paternalism' with a tacit nod to contemporary theories of black inferiority, Susie Byrd's interviewees made it clear that they realised that they were valuable workers who should have been treated humanely and rewarded for their work, not treated like beasts.



Oxford North:

A New Chapter for St John's

One year into construction of Oxford's new global innovation district, William Donger, CEO, Thomas White Oxford, reports that Oxford North is already helping build a better foundation for both the city and the College.

For the last year, Thomas White Oxford (TWO), the St John's development company, has been busy with the first stages of building at Oxford North. The new development, situated just north of the Wolvercote roundabout, will further develop the College's commitment to inclusivity, excellence in scientific research, and sustainability, both on and off the main College site.

Oxford North will be a brand-new innovation district for Oxford, providing a sustainable place to work, live, learn, and socialise. The project will create 480 new homes and one million square feet of new labs and workspaces, including a new innovation centre which will encourage a focus on sustainability. Visitors, residents, and workers will have access to amenities including a hotel, nursery, shops, bars and cafes, and three public parks, and there will be significant investment in sustainable travel.

A great deal of progress has been made over the last twelve months in the enabling infrastructure works on site. TWO has also signed an exciting 50:50 joint venture

agreement with Canadian-based Cadillac Fairview, the real estate arm of Ontario Teachers' Pension Plan, with commercial developer Stanhope, to fund and deliver the placemaking, labs, and workspaces. This is alongside its agreement with Hill Group to deliver the first new homes.

While the scope of the project looks towards a more sustainable future for the city, we are also focused on providing access high-quality apprenticeships and jobs for the local community, now and in years to come. TWO's ambitious Skills, Training and Employment Strategy, created in collaboration with Oxford City Council and Oxfordshire Local Enterprise Partnership, gives local workers at all levels the opportunity to gain crucial experience by identifying skills gaps and providing relevant training and educational opportunities. The strategy has proved very successful so far, even being shared with central government ministers as an example of best practice.

To date, more than 250 construction jobs and four apprenticeship roles have been created on site in a range

of roles. This number is set to increase as the project continues into the next phase of construction, with opportunities ranging from landscaping and construction to sustainability and digital roles.

Another exciting development this year has been the appointment of Dame Alison Nimmo to the TWO board with a specific focus on sustainability, complementing the College's ongoing sustainability work (see p. 22). Every aspect of the project is being closely monitored to ensure we are delivering on Environmental, Social and Governance charter commitments.

The aims of the project are clear: we are demonstrating that we're building sustainably, creating new jobs during the construction phases which have positive impacts on people's lives, and that our future phase plans meet the way that we all live, work, learn, and play and help to retain and attract talent.

We strongly believe that where there is opportunity, there is also great responsibility.

Together with the College and our partners, we intend that this new place will deliver social value and community benefits, as well as buildings and a location which enable life-enhancing discovery to help solve some of humanity's greatest challenges.



Together we are responsible for creating and curating Oxford's new innovation district to deliver places and buildings which enable life-enhancing discovery to help solve some of humanity's greatest challenges and provide social value and community benefits.

William Donger



Ground-breaking ceremony: Zoe Hancock and William Donger are joined by Councillor Duncan Enright and Hill infrastructure and project team members – September 2021

Weaving Sounds and Words

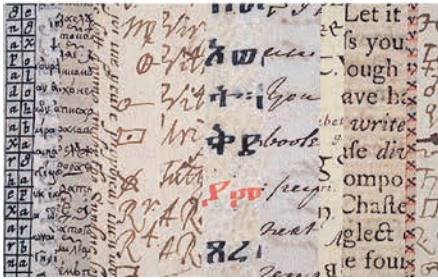
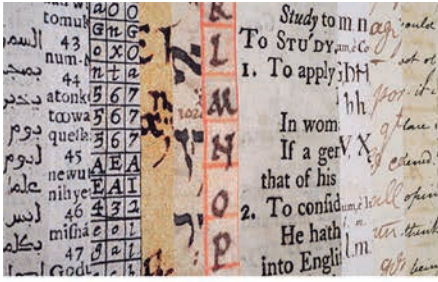


St John's has a long tradition of commissioning art for its architecture, an early example being William Laud's invitation to Hubert Le Sueur in 1633 to create the statues of Charles I and Queen Henrietta Maria for the Canterbury Quadrangle. More recent projects, including the architecture of the Garden and Kendrew Quadrangles and the new Library and Study Centre, have also allowed artists to create site-specific works inspired by their context. The works commissioned have often led to significant developments in an artist's career, as was the case with Wendy Ramshaw, a jewellery designer originally, who designed the gate to the garden from Garden Quad and the gates for Kendrew Quad. She went on to further commissions, including Hyde Park Gate.

Alongside Susanna Heron's 'Stone Drawing' and Kirsty Brook's glasswork in the Otranto Passage, two new tapestries have been installed in the Library and Study Centre: Susan Morris's work, *Silence*, is a series of tapestries in the ground floor reading room, and Mary Lum's *St John's Primer* hangs on the wall above the new staircase connecting the historic Laudian Library with the new Study Centre.

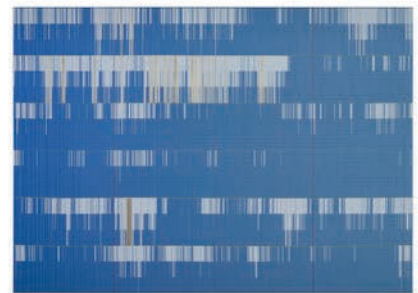
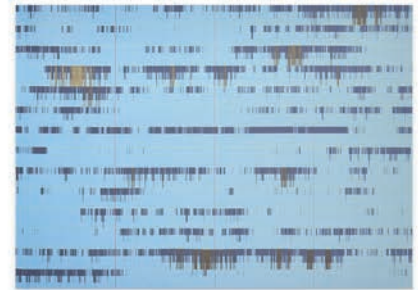
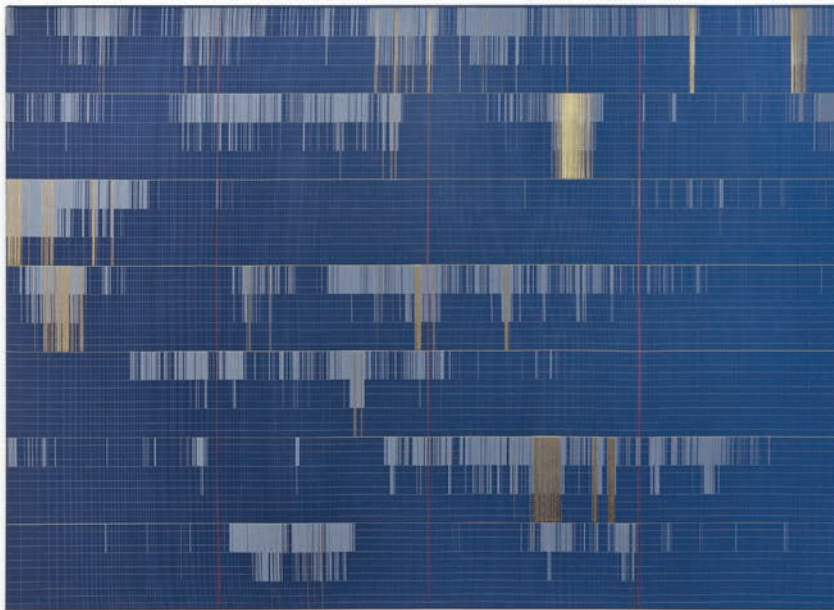
At the official opening in September, the President thanked the selection panel (Professor Andrew Parker (former Principal Bursar), Dr Georgy Kantor, Professor Hannah Skoda, and Professor Alastair Wright) as well as the Works Department for their work on the project.

Susan Morris (left), Professor Catherine Whistler (centre) and Mary Lum (right) at the official opening of the tapestries in September



Mary Lum, *St John's Primer*, 2021, Tapestry

“ An introduction to the *St John's* library collection of rare books and manuscripts, comprising fragments of texts and symbols from many languages, fields of study, cultures, and time periods. The tapestry speaks to the importance of the written word, how texts are put together, how they endure over time, and how meaning can be lost, transformed, or expanded. It invites viewers to read in individual ways that prioritise how language looks, as well as what it says. **Mary Lum** ”



Susan Morris, *Silence (on Prepared Loom)*, 2021, Six Jacquard tapestries

“ These tapestries were woven directly from a 50-minute sound recording made in the garden on the other side of *Sprott's Wall*, a boundary shared between the garden and the library. Through the application of a specially written script, the recorded sound was configured to the 'score' for *John Cage's 1952 Lecture on Nothing*, a spoken word performance that has silence at its core. The garden itself is visible through the single window in the second bay of the reading room, and can be regarded as part of the overall piece. **Susan Morris** ”



Ruth Ogden receiving her retirement gift from Professor Maggie Snowling

Ruth Ogden

Dr Petra Hofmann, College Librarian, celebrates Ruth Ogden's long career in the Library.

Between 1987 and 2022 Ruth Ogden, a true Oxonian, provided stability and consistency for readers of St John's Library, first as Assistant Librarian and then as Deputy Librarian. More than that, she was the Library's beating heart and its long-term memory.

Over those 35 years, Fellow and College Librarians, and indeed the entire College community of St John's, have benefitted from Ruth's professional knowledge, calmness in the storm, and her courteous no-nonsense approach. The statements from previous librarians are testimony to the high regard in which Ruth stands with all of us.

Professor Peter Hacker (Fellow Librarian 1986–2006) describes Ruth as 'an Ideal Type realised in an imperfect world [...]'. There was no challenge to which she did not rise, and no problems to which she could not find an effective solution. She dealt wonderfully with Junior Members and their woes as well as their sins'. Catherine Hilliard (College Librarian, 2001–10) remembers that Ruth had succeeded her mother at St John's Library desk, where Ruth created a wonderful atmosphere as she 'recruited and managed the team of graduate invigilators with such skill that there was always a harmonious atmosphere'. Professor Alastair Wright (Fellow Librarian 2010–19), emphasises Ruth's invaluable insights in connection with the Library & Study Centre building project, 'helping to refine the College's vision of the building and shaping our understanding of how it could best serve the needs of those who would work and study there'. Stewart Tiley (College Librarian 2010–17) praises Ruth's 'enthusiasm for, and knowledge of, the Library collections [as] outstanding' and recalls that Ruth 'often helped me

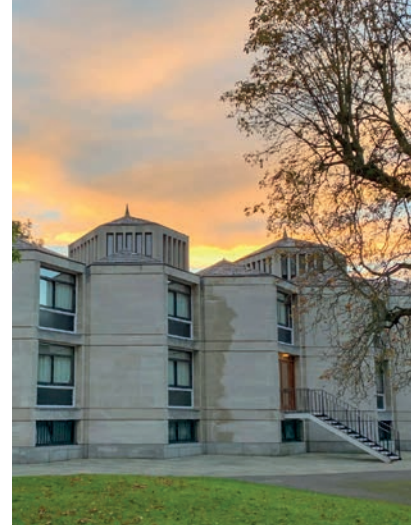
out of a hole. Her place at the heart of the Library Team, co-ordinating a vast array of evening supervisors, liaising with the Library Cleaner, and mentoring Graduate Trainees with wisdom, compassion, sympathy, and humour, was a key part of working at St John's'. Professor Mohamed-Salah Omri (Fellow Librarian since 2019), highlights that 'at a time of wide-ranging change for the library, with the new Library & Study Centre and the refurbishment of the Laudian and Old Libraries, what I, and those involved, needed was reliable and knowledgeable people to inform the many decisions which had to be made, from placing artwork to designing comfortable reading space, not to mention identifying items for which there was no written record. Ruth Ogden has provided all of that for us. She has been a wise counsel as well in matters of hiring new staff, managing student expectations, and coping with the pandemic. She has done that with her characteristic calm and sense of humour'.

I myself will never forget how, a month after my arrival at St John's, we wrapped up and boxed manuscripts and early printed books, together with one of Ruth's star student invigilators, for a fundraising event in Rycote, 14 miles from the College into the Oxfordshire countryside. Ruth's unflappable can-do attitude was a godsend! I'm sure there will be ample occasions in the future when I find myself thinking 'Let's have a chat about it with Ruth', only to realise that she has left for her long-awaited and well-deserved retirement.

Stewart Tiley spoke for all when he said that Ruth 'was an institution in her own right, really, and I felt enormously privileged to be her colleague'. We wish her all the best for a long and happy retirement.



Ruth Ogden in the series of long-serving staff portraits by Rory Carnegie, with Michael Riordan, College Archivist (left) and Matt Jennings, IT Manager



We also wish a happy retirement to the other members of staff who have recently retired:

SUI YEE BULMER

Scout

(November 2008 to May 2022)

PAUL BUTLER

Works Department

(June 2006 to July 2021)

VIVIENNE DAVIS

College Nurse

(January 1995 to September 2022)

GARY FIDLER

Works Department

(August 1987 to August 2022)

SUE LEWIS

Scout

(November 2007 to December 2021)

GRAZYNA TCHORZNICKA

Catering

(April 2005 to July 2022)

A Patient College



Matthew Ford (2014, History and Economics) is currently a Research Associate working with Sir John Kay and Professor William Whyte on a project about the history of the College's endowment.

It is 1867. Charles Fell – an undergraduate at St John's from New Zealand – has just taken his final exams, and they have gone badly. Not having the Greek to enter Greats, he has gone in for the new Final Honour School of Law and History, but has only got a Third. Now he must explain to his father what has happened. Fortunately a friendly Fellow, Richard Clarke, has offered to write a sympathetic letter, but it is an awkward account to pen. For the long and the short of it is that Charles has learned almost nothing at St John's, and what little learning he has acquired is not from his tutors.

Reminiscing decades later, Charles spelt out the issues. 'I was full of work and eager enough and only wanted proper directions, but I rarely got any help or direction at all.' The academic level was not high, with tutors and students alike focused on getting drunk: 'temperance was unheard of and the wine and beer that was daily put away seems now idiotic and worse'. Charles had intended to be a 'reading man' – i.e., someone who aspired to learn something and achieve more than a pass degree – and he 'worked, indeed, very hard, but without the least idea how, and with no one to show me'. He blamed his school for not teaching him how to learn, and looked on enviously at the men from Merchant Taylors', who were reading for Greats – albeit with the help of out-of-College 'coaches' (which is probably how the other two John's candidates that year got their First and Second). These men were on scholarships 'closed' to a single school – they had mainly been abolished in the mid-nineteenth century reforms to the Colleges, but St John's, resisting to the end, had preserved 20 for Merchant Taylors' alone. Institutional surgery had been offered and, to a degree unique in the University, rejected.

Charles went down from a sclerotic College with no particular aspirations to teaching, and few distinguished Fellows. (Richard Clarke, who wrote a treatise on logic, might have been an exception, had he not been thrown out two years later for converting to Catholicism.) But things were, slowly, beginning to change. Land north of the College – owned entirely by chance – had been recognised as prime building territory for an expanding city. In Gilbert and Sullivan's *Patience*, the fleshly poet Bunthorpe admits that his aestheticism is an act: 'between you and me, I don't like poetry. It's hollow, unsubstantial – unsatisfactory. What's the use of yearning for Elysian Fields when you know you can't get 'em, and



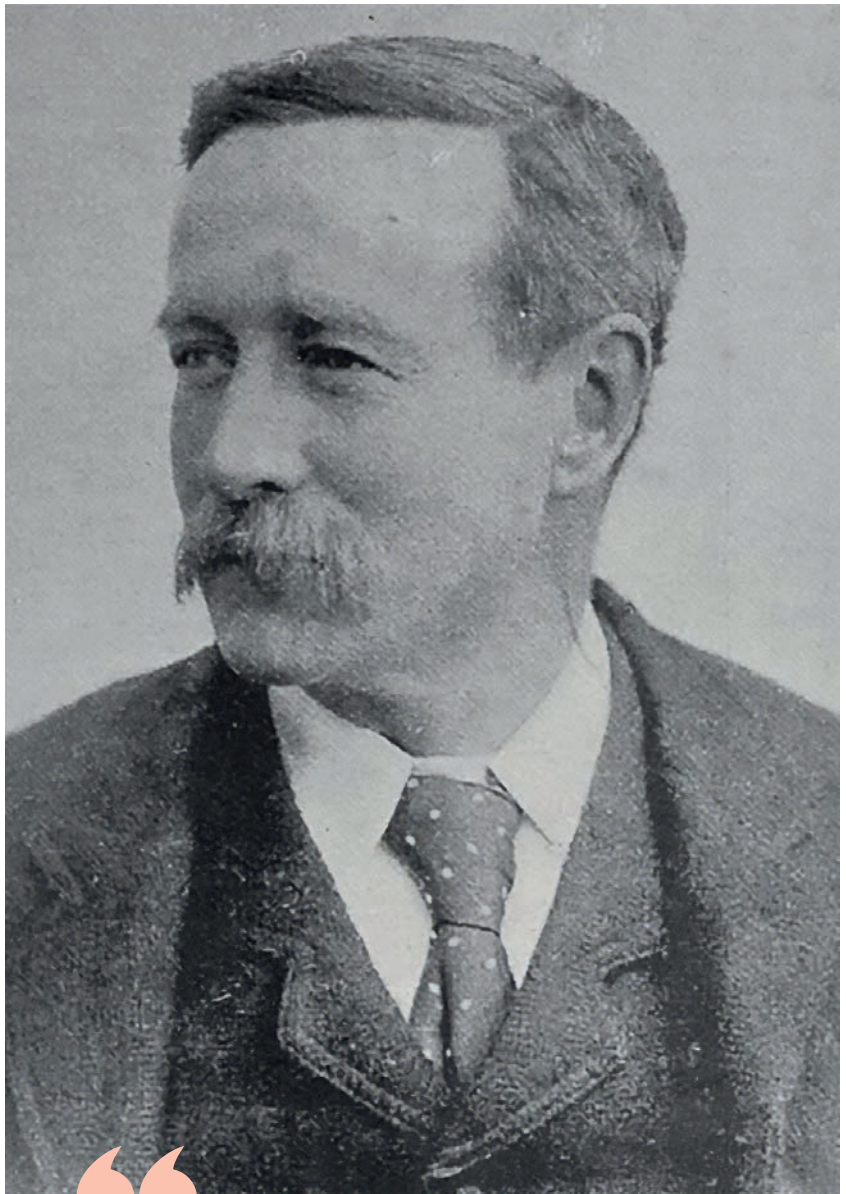
Money helped the College's academic ascent, but [...] it was never simply a case of sitting back and spending.

would only let 'em out on building leases if you had 'em?' St John's was doing a worse job at hiding the rot beneath the surface than Bunthorpe, but unlike him it had the fields for those 99-year building leases. Money offered a way to nurse itself back to the glory days of Laud.

So what happened? Certainly St John's is very successful *now*: impressive Fellows; excellent teaching; students reaching high in the Norrington Table. But a century after Charles left the College, the chance had been missed. True, the Fellowship was rather more impressive, and was beginning to want to transform the sleepy, if no longer anaesthetised, institution into a leading member of the academic community. The building leases *had* made the College rich, although inflation and two College servants had (figuratively and literally) stolen much of their promise – perhaps enough to explain the lack of academic improvement? But now they were falling in, and 99 years of patience were going to be richly rewarded.

And then the law changed, and about a third of the College's endowment disappeared at the stroke of a pen.

Money helped the College's academic ascent, but as that particular missed opportunity and disaster shows, it was never simply a case of sitting back and spending. My current project is to disentangle the links between finance, new



I was full of work and eager enough and only wanted proper directions, but I rarely got any help or direction at all.

Charles Fell

buildings, new fellowships, better management, and all the other elements that go into running and changing a College – so we can better understand how and why the College eventually *did* change, and what role the College's sometimes murky and deceptive accounts played in it.



Professor James Maynard, Fields Medallist 2022



The **Fields Medal** is awarded every four years to at most four Mathematicians under the age of 40 and is regarded as one of the highest honours a mathematician can receive.

It is awarded for outstanding mathematical achievement for existing work and for the promise of future achievement.

Professor Stuart White celebrates his colleague's great achievement

At around 7:30 am on 5 July 2022 members of the Mathematical Institute gathered with anticipation in our largest lecture theatre to watch the Fields Medal Prize Ceremony broadcast live from Helsinki. You can imagine the excitement when it was announced that our colleague, James Maynard, was one of this year's winners.

James's Fields Medal was awarded for 'contributions to analytic number theory, which have led to major advances in the understanding of the structure of prime numbers and in Diophantine approximation'. In this article I'll try and give a glimpse of what this means.

Number theory is the branch of mathematics studying the *integers*, i.e., the whole numbers $0, 1, 2, \dots$ familiar to us all from a very early age, together with their negatives $-1, -2, \dots$. From the integers we can build the *rational numbers* as fractions $1/3, 2/7$, etc. which sit inside the *real numbers*.

The fundamental building blocks of the integers are the *prime numbers*, which we typically meet in primary school. A positive integer $p > 1$ is prime if the only positive integers dividing p exactly are 1 and p itself. So 2, 3, 5, 7, 11, 13, \dots are all primes, but for example 6 is not as both 2 and 3 are proper divisors. Prime numbers play the role in number theory that atoms do

Find out more about James

James received his DPhil from Oxford in 2013. After postdoctoral positions in Montreal and Oxford, he was appointed as Professor of Number Theory in Oxford and Supernumerary Fellow at St John's in 2018.

James needs a pretty large trophy cabinet, having won the SASTRA Ramanujan Prize, the Whitehead Prize, a European Mathematical Society Prize, and the Cole Prize in Number Theory. In September it was announced that he had also won a New Horizons in Mathematics Prize worth \$100,000 from the Breakthrough Prize Foundation.

A great article to find out more about James:

<https://www.quantamagazine.org/james-maynard-solves-the-hardest-easy-math-problems-20200701/>

Fields medal video:

<https://www.youtube.com/watch?v=un-z8kgOrV0>

Interview by Oxford Maths: learn where James was when he found out that he had won the Fields Medal.

https://www.youtube.com/watch?v=_WsjC8K7xl

in chemistry: every positive integer has an essentially unique decomposition as a product of primes known as its prime factorisation (for example 2×3 is the prime decomposition of 6).

This is the *fundamental theorem of arithmetic* and goes back to the ancient Greeks. Thousands of years later primes, and their structure, remain of immense interest. Such interest is not just theoretical: prime numbers are at the heart of various cryptosystems (methods for securely encoding data), such as the RSA algorithm (published by Rivest, Shamir and Adleman in 1977, but developed secretly by GCHQ in 1973!).

The ... above is a way of indicating that things go on forever. When we list the primes as 2, 3, 5, 7, 11, 13, ... we're implicitly also saying that there are infinitely many prime numbers. This fact also goes back to the ancient Greeks, with the earliest known proof being found in Euclid's Elements from around 300 BCE. Since this is a pure mathematics article, I've included this proof (and an exercise)!

One of the reasons mathematicians are so fascinated by prime numbers is that they are so fundamental and simple to describe, and yet they are so mysterious. Indeed, one of the really nice things about writing this article is that it is possible to describe (some of) the theorems James has proved (though not how the proofs work!).

Mathematicians have been fascinated with the distribution of primes in the positive integers ever since. How quickly do they grow? How spaced out are they; do they come in clumps? This brings us to the *analytic* part of 'analytic number theory'. *Analysis* is the branch of mathematics concerned with making notions of growth rate and approximations precise. A celebrated result in analytic number theory is the *prime number theorem* which estimates how many primes there are between 1 and n : there are roughly $n/\log n$. Rearranging the prime number theorem, we learn that the average gap between two consecutive prime numbers in the first n numbers is roughly $\log n$. This quantity grows to infinity as n does. So,

on average the primes get more and more spaced out as we go along the number line, but the key phrase is *on average*. How often does exceptional behaviour occur? Can we find infinitely many pairs of primes that remain close together? Are there infinitely many gaps that get exceptionally long compared to the average gap expected at that point, and if so how long?

Let us first look at small gaps. Other than the pair (2,3), the smallest possible gap between two successive primes is 2; we call primes which are distance two apart *twin primes*, so (3,5), (5,7) are twin primes, but (13,17) are not. The *twin prime conjecture* predicts that there are

Euclid's proof that there are infinitely many

primes: Suppose we have a finite collection of primes p_1, p_2, \dots, p_n . We will show there is at least one prime not in this list. Consider $q = p_1 p_2 \dots p_n + 1$, i.e. q is the next integer after the product of all the primes in our list. Then either q is prime (in which case we have found a prime not in our list as q is strictly bigger than each p_i) or it is not. In the latter case there must be some prime, say p , which exactly divides q (by the fundamental theorem of arithmetic). But notice that none of p_1, p_2, \dots, p_n divide q – we choose to add 1 in our definition of q so that the remainder when q is divided by one of the p_i is 1. So p is a prime which is not in our list, completing the proof.

Exercise: Prove that there are infinitely many primes which have remainder 3 when divided by 4.

(This is a classic exercise often appearing in A Level Further Maths, or in first year University courses. Of relevance to the twin prime conjecture, it is also true that there are infinitely many primes which have remainder 1 when divided by 4, but that needs a further idea beyond Euclid's method.)

infinitely many twin primes. Whether this is true is one of those fascinatingly difficult yet easily stated questions about primes to which we don't know the answer. The question goes back at least 170 years, but could well have been asked by Euclid. In fact, until 2013, it was not even known if there was any number N such that there are infinitely many primes at most distance N apart. This turns out to be an amazing story: previously unheard-of mathematician Yitang Zhang in his 50s (working in a non-tenured position in New Hampshire) stunned the mathematical world by proving that infinitely many small gaps do occur, giving the bound $N < 70\,000\,000$. While this is quite a lot bigger than the $N = 2$ needed for the twin prime conjecture it was the first ever result of this type – Zhang became an instant mathematical celebrity (and acquired much better job security!). Things then moved very quickly: a massive open internet collaboration known as Polymath8 (a new experimental way of undertaking mathematical research) pushed Zhang's techniques to their natural limits, reducing the bound down to $N \leq 4\,680$ in a matter of months. Meanwhile James Maynard was also working on this problem, combining his own ideas, which he had been developing for some time aiming to test the bounds of methods introduced in 2005, with Zhang's methods. Not only did James get the bound down much further – now to $N \leq 400$ – but his methods are much simpler and powerful enough to show that there are infinitely many large clumps of primes which are close together, not just pairs as in Zhang and Polymath's work. Precisely, for any r there is some number N_r so that there are infinitely many groups of r primes all within a distance N_r of each other. This fundamental breakthrough led to James being awarded the 2014 SASTRA Ramanujan Prize.

What about the other extreme? We can certainly have arbitrarily long sequences of numbers not containing any primes: given n consider $n \times (n - 1) \times (n - 2) \times \dots \times 2 \times 1$ which is written as $n!$ and called n factorial. Then the sequence $n! + 2, n! + 3, \dots, n! + n$ does not contain any primes (the point of using $n!$ is that $n! + r$ is divisible by r for $r \leq n$). But to produce this sequence of $(n - 1)$ consecutive non-primes we went a long way down the number line, and in fact (by the prime number theorem again) the average gap between primes of size around $n!$ is already much bigger than $n - 1$. The right question is how much bigger than expected can the gap between arbitrarily large successive primes be? To make this precise, let us write $G(n)$ for the largest gap

You could write a book about the amazing 'small gap' breakthroughs in 2013 and indeed, Vicky Neale did! Her **Closing the gap: The quest to understand prime numbers** Oxford University Press, 2017, is an excellent accessible account; highly recommended.

between two consecutive primes of size at most n . The prime number theorem tells us that the average gap between primes of size at most n is roughly $\log n$, so there must be some gap which is larger than or equal to this average. The precise way of handling 'roughly' is by an inequality: $G(n) \geq (1 + o(1)) \log n$ (which has the precise meaning that for any constant $c > 0$, there exists N such that $G(n) \geq (1 + c) \log n$ for $n \geq N$ – but don't worry if that was hard to read). The 1930s saw a string of improvements, the last of which, due to Erdős and Rankin in 1939, showed that there is a constant C such that (with apologies for the complicated looking inequality – there had to be one in the article)

$$G(n) \geq (C + o(1)) \log n \frac{\log(\log n) \log(\log(\log(\log n)))}{(\log(\log(\log n)))^2} (*)$$

Erdős (1913–96) was a highly prolific mathematician well known for posing problems, and frequently putting up cash prizes, from around \$25 or up depending on how hard he felt it would be. In 1979, having seen no further progress on the value of $G(n)$ in the 40 years since (*), Erdős wrote 'I offer (perhaps somewhat rashly) \$10,000 for a proof that (*) holds for every C .' Rash or not, further progress was limited to small increases in the value of C from Rankin's 1/3 to about 3.562 by 1997. In August 2014, this problem was solved independently by a team of Kevin Ford, Ben Green (the Waynflete Professor of Pure Mathematics at Oxford), Sergei Konyagin and Terry Tao, and by James Maynard – each team getting half of Erdős's prize (it was somewhat rash – by 2014, there wasn't enough money left in Erdős's prize pot). The methods in the two articles differ at key points, and combining forces Ford, Green, Konyagin, Maynard, and Tao were later able to make a quantitative leap forward, removing the need for the square from the denominator of (*). Keeping the spirit of Erdős's problem alive, Tao has offered \$10,000 for a proof that their new estimate holds for all values of C .

Surprisingly, despite the very different nature of the problems, James's approach to large gaps shares a

For more on large gaps in primes:

<https://www.quantamagazine.org/mathematicians-prove-conjecture-on-big-prime-number-gaps-20141210>

Erdős' prizes: <https://www.quantamagazine.org/cash-for-math-the-erdos-prizes-live-on-20170605/>

Learn how these are managed, since Erdős didn't have a bank account.



Number theorists like their logs.

What did the drowning number theorist say?

‘Log-log, log-log, log-log, ...’

common theme with his methods for small gaps: sieve theory. Crudely we can find all primes by sieving out prime factors from the natural numbers: first remove multiples of 2, i.e., 4,6,8, ..., then remove 6,9,12 ... and so on. The numbers left must be prime. Of course, this sort of sieve is not sophisticated enough to prove the powerful results on gaps in primes James has achieved, and one must tailor sieves incredibly precisely for each application. Rumours have it that some Oxford mathematics undergraduates persuaded James, and Ben Green, to autograph a physical sieve to commemorate this body of work.

These are just two of James’s many contributions to the structure of primes. In 2016, James showed that there are infinitely many prime numbers not containing the number 7. There’s nothing special about 7 here (his result works for any other value between 0 and 9). The point of the result is that there are $(9/10)^n$ numbers with at most n digits with no 7s, and this quantity gets vanishingly small (more analysis!) as n gets large. James’s result is a really striking example of infinitely many primes in very sparse sets, answering a question that had been around for a very long time with essentially no prior progress. It’s also an example of James’s determination: there’s nothing special to mathematicians about working in base 10, though it is the base we all work with in everyday life (as we have 10 fingers and thumbs). James had worked out how prove his result in a much larger base (1 000 000) then kept reducing the base he could achieve by means of more and more sophisticated arguments. Despite getting stuck at base 12 for some time, he kept pushing to get the base down to the value 10. In yet another direction James produced a monumental trilogy of papers on mean values theorems for primes in arithmetic progression in 2020 – I’m not going to try and explain what these papers say though!

So far, we have talked about analytic number theory and primes. What about Diophantine approximation? The integers we started with sit inside the rational numbers (all possible fractions) and these sit inside the real numbers. The very first question we ask new freshers in mathematics at St John’s is ‘what are the real numbers?’, and this is surprisingly subtle – for this article we shall take one of the popular answers that the reals are all possible decimal expansions. We can always approximate reals by rationales: indeed, we could truncate an infinite decimal expansion to give a finite expansion, which is represented by a fraction (with denominator some power

of 10). But some irrational numbers, other approximations are better. For example, π is well approximated by $22/7$ with an error smaller than 4×10^{-4} (which is much smaller than one might expect given the denominator 7). Diophantine approximation is the quantitative study of approximating reals by rationales. One main framework is to associate a positive real $\psi(q)$ to each positive integer q . Then for any real number α we ask whether it has infinitely many rational approximations a/q up to an error which is at most $\psi(q)/q$. A classic approximation theorem of Dirichlet from the early 1800s shows that this can be done when $\psi(q) = 1/q$. What about other possible measurements of error $\psi(q)$? It turns out that this problem is extremely sensitive to the form of $\psi(q)$.

The Duffin-Schaeffer conjecture from 1941 allows for any possible error function $\psi(q)$ and then predicts an ‘all or nothing’ type of result: for any $\psi(q)$, either almost all (in a precise technical sense) real numbers have infinitely many good ‘reduced form’ approximations (i.e. a/q with a and q sharing no prime factors) or almost no real numbers do. Moreover, the conjecture predicts which of these occur by means of a relatively simple convergence criterion (though not simple enough that the editor will allow me to include it here – I’ve used up my quota of ‘complicated looking equations’). The ‘almost no reals have infinitely many good approximations’ part of the conjecture is relatively easy – it could provide a very tricky exercise for second year undergraduates. The challenge is the other direction, which Duffin and Schaeffer established for very regular $\psi(q)$. Subsequently this has been the focus of much work, with an early significant step being made by Erdős in 1970 (who proved the result when $\psi(q)$ is roughly the $1/q$ of Dirichlet’s Theorem). Over almost the next 50 years various partial results were obtained (which I could only describe by means of some more complicated equations), but there was still a huge gap to the full conjecture in 2019 when James and his collaborator Dimitris Koukoulopoulos finally proved it in an incredible tour-de-force in 2019.

In this article I have tried to give a flavour of the sort of questions James works on, and the phenomenal scale of breakthroughs he has made over the last ten years. With the Fields Medal being awarded for ‘outstanding mathematical achievement for existing work and for the promise of future achievement’ we are all really excited to see what comes next.

Oxford Open Doors 2022

A photograph showing four people standing in front of a large, textured, grey wall. One person in the center is pointing at the wall. They are all looking towards the wall with interest. The scene is outdoors, with a paved path and some gravel visible at the bottom.

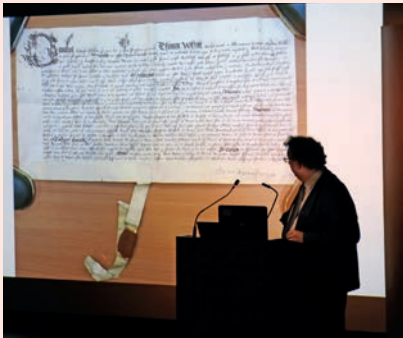
Charlotte Mapp, Communications Officer, reports on a warm welcome to 1500 visitors when St John's opened its doors to the local community in September.

For those who haven't participated, Oxford Open Doors is an annual heritage event organised by the Oxford Preservation Trust, during which places not usually open to the public are opened free of charge. Due to building works and the subsequent pandemic, St John's has not been able to participate fully in Open Doors for a number of years. This year we were keen to welcome as many visitors as possible to College to share our beautiful buildings and public spaces with our local community.

Open Doors 2022 fell on the weekend of the 10th September, just as we were all learning of the death of Queen Elizabeth II. The Queen visited Oxford's heritage sites several times over the course of her long reign, and the weekend was a wonderful opportunity to honour her unique contribution to our city's heritage. At St John's, several visitors signed our Book of Condolence and lit candles in her honour at the Chapel.

As well as self-guided tours around our quads, gardens and the Library and Study Centre, we had a range of free talks and exhibitions available throughout the day. Susanna Heron, the artist behind the Stone Drawing in our Library and Study Centre, gave a fascinating talk on the process behind the piece and then a tour of the piece itself. Our very own Archivist, Mike Riordan, took the audience through some of the treasures of the St John's archive, including an explanation of how St John's is – somewhat tenuously – responsible for the birth of Jane Austen.

Dr Geoffrey Tyack's talk on the architecture of St John's received great feedback, and whilst Revd Professor William Whyte was called away at the last minute to attend the proclamation of the new King, he was still able to give a fascinating talk on the history of St John's through the magic of YouTube. Exhibitions



Visitors to St John's enjoyed self-guided tours, a children's lamb hunt and a range of talks



ranging from 'Lives of St John's: the famous and the forgotten' to 'Ecstatic Fields: Masters in Architecture at Oxford Brookes' were on throughout College, with our Laudian Vestments also on display – one visitor was so taken with their beauty that she came back to look at them three times over the course of the day.

The weekend was also a great opportunity to shine a light on our sustainability work, with the College Masterplan on display in the Garden Quad Auditorium and a representative from Beard available to answer questions from the public. A presentation on our Inspire Programme was playing in the Mark Bedingham Room, and our Works Bursar was answering questions on the Canterbury Quad preservation works. It was wonderful to see the whole College coming together to show our local community all the fantastic work being done across so many different areas at St John's.

Families and children were also well catered for, with a children's activity sheet and lamb treasure hunt available, courtesy of our Access team. The lamb hunt proved particularly popular, with 84 children taking part and many of the adults even saying they enjoyed following along!

After all those activities, visitors could make their way up St Giles to Kendrew Café where some much-deserved cake, coffee and rest awaited.

We received a lot of positive feedback on the day and afterwards on social media, with several people saying how lovely it was to see St John's making such an effort with activities for all ages. As always, none of this would have been possible without our staff and student volunteers – thank you all for your help!

We're already thinking about how we can make next year's Open Doors even more of a success – we hope to see you there.



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

Arrivals

Honorary Fellows

In March 2022, the College elected six new Honorary Fellows. They are notable for their distinction and we are delighted to welcome them back to College.



PROFESSOR SARAH-JAYNE BLAKEMORE FBA, FRSB



Sarah-Jayne Blakemore (1993, Psychology) is Professor of Psychology and Cognitive Neuroscience at the University of Cambridge and Co-Director of the Wellcome Trust PhD programme in Neuroscience at University College London. She is one of the foremost developmental cognitive neuroscientists in the world. Sparked by the question of why most mental illness emerges during adolescence, her research has focused on the development of social cognition and decision-making in the human adolescent brain, and its consequences for mental health. She has made a unique and transformative

contribution to our understanding of human adolescent development that influences policy on education and mental health.

Professor Blakemore's research has won many awards including the British Psychological Society Presidents' Award, the Jacobs Prize, and the International Union of Psychological Science Quadrennial Major Advancement in Psychological Science Prize. This is matched by her commitment to public engagement with science and inclusion of young people in the co-production of research. Her book *Inventing Ourselves* received the Royal Society science book prize and was the Hay Festival Book of the Year in 2018.

'I am deeply honoured to have been elected to the Honorary Fellowship of St John's College. Studying Experimental Psychology at St John's in the mid-1990s was pivotal to my career and my life. It was at St John's that I gained a love of learning and academic research. The College, and in particular my tutors, provided unparalleled academic support, teaching us how to think conceptually and to express arguments. I greatly enjoyed my undergraduate years at St John's and met many people who I am lucky to count as good friends almost 30 years on. It has been rewarding to see the College continue to thrive, especially in the past few years under the inspirational leadership of Professor Snowling. It is a privilege to become an Honorary Fellow and I look forward to becoming involved in College life and supporting the aims and ambitions of St John's.'

PROFESSOR ELLEKE BOEHMER FRSL, FRHISTS

Elleke Boehmer (1985, English Language and Literature) has had a long and distinguished academic career, teaching at a number of universities in the UK before returning to Oxford as its first Professor in World Literature in English in 2007. She was instrumental in establishing the English Faculty's very successful MSt in World Literature strand. She is an internationally recognised specialist in



African and Indian postcolonial writing and has recently become Director of the Oxford Centre for Life Writing at Wolfson College, supported by the Dorset Foundation (2018–), a world-leading research centre.

Professor Boehmer is also a well-known author of fiction; her five critically acclaimed novels and two collections of short stories, many set in southern Africa and the Global South, have won numerous prizes and have been translated into a range of languages.

'I spent six incredibly fruitful years of my life at St John's, and I look forward very much to supporting the aims of College into the future as an Honorary Fellow. My five years at John's as a student comprised the (then) two-year MPhil in Literature in English '1900 to the present-day', and a three-year DPhil, on constructions of the nation in West and East African literature. In 1988–90 I also held a two-year College Stipendiary lectureship.

St John's was in many ways both my academic and creative cradle. I will never forget looking at the autumn trees over the garden wall from my Thomas White room one morning soon after arriving and thinking in a flash about Thomas Hardy, Edward Thomas and all the other English nature poets who had inspired me to come and study here. Enthused by Professor John Kelly, always positive and forward-looking, and conversations with John's students from many different countries, I first began to think of literature as international. I saw that writing didn't have to be purely nation-defined, though that was how it was often seen. Literature was a force that could circulate across borders, and shape how people understand and experience other cultures. This encouragement led directly to my decision to work on writers like Ngugi wa Thiong'o, Wole Soyinka, Bessie Head, and Chinua Achebe for my doctorate, despite that fact that African literature was not taught in the University at that point. John encouraged me not to give up on my ambitions and connected me with the poet Jon Stallworthy who kindly agreed to become my supervisor. Three years on, the completed DPhil became the platform for my first academic book, a study of colonial and postcolonial literature. During those same heady years, I also published my first novel, Screens Against the Sky.

After posts at the Universities of Leeds, Nottingham Trent and London (Royal Holloway), I returned to Oxford in 2007 in my current English Faculty role, and was delighted, on appointment, to be able to teach postcolonial literature at undergraduate and Masters levels. Five years later, we had established Oxford's first MSt in World Literature in English with a cohort that remains among the most diverse in the University. The programme goes strong to this day, drawing students from around the world, and continuing those themes of circulation and border-crossing first explored as a student at St John's.'



Stuart Bebb

DAVID FLOOD

David Flood (1974, Music) became Assistant Organist in Canterbury Cathedral on his graduation. Subsequently Organist and Master of the Choristers at Lincoln Cathedral, he was appointed back in Canterbury as Organist and Master of the Choristers in 1988, where he led the musical foundation until his retirement at the end of



2020, having served a sequence of five Archbishops of Canterbury. His efforts were crucial in the fundraising required for the restoration and enlargement of the Cathedral organ in 2020. David was awarded the honorary degree of DMus from the University of Kent and an Honorary Fellowship from Canterbury Christ Church University.

David Flood has regularly made choral tours in Europe and the USA, where he has also directed festivals and workshops. Annually since August 1997 he has hosted an American Children's Choir Festival with up to 400 children. He has given organ recitals in France, Germany, Holland, Australia, New Zealand, and the USA and has made over a dozen CDs with the choirs.

'I am very honoured and thrilled to have been elected an Honorary Fellow of St John's: the College means so much to me as the place where I first gained experience of musical performance at the highest level, along with so many life-long friends and colleagues. It is to that time that I look back and see the foundation of so many activities that then became central to my career. Discovering repertoire, making mistakes and having adventures were all vital tools in the career path which was to follow and I am thrilled that the College continues so avidly to support musical development and exploration.'

It was a special delight to have been part of the group that saw the installation of the Aubertin organ in the Chapel. Such an important instrument is a real treasure for the College and the University. I am looking forward to offering support and encouragement to musicians, whether attracted by church music or not, and to continuing that vital spark which St John's gave to me.'

SIR MICHAEL JACOBS FRCP



Sir Michael Jacobs (1982, Physiological Sciences – Pre-clinical Medicine) returned to Oxford as the new Warden of Keble College this October. He was previously Clinical Director & Hon. Associate Professor of Infectious Diseases, Royal Free London NHS Foundation and an Infectious Diseases specialist at the Royal Free London NHS Foundation Trust. After studying medicine at St John's and St Bartholomew's Hospital Medical School, he trained as a physician in General Medicine and Infectious Diseases in London and Cambridge. He completed a PhD in Molecular Virology at Imperial College London and was awarded a Wellcome Advanced Fellowship for postdoctoral research. He was subsequently appointed as Consultant in Infectious Diseases at the Royal Free Hospital and later as Clinical Director of Infection, helping to establish an internationally recognised centre of excellence. His main clinical and research interests are the most serious viral infections and medical countermeasures to combat them. He also has a major interest in medical education and has had several leadership roles in postgraduate training programmes and examinations. In 2013–6, an unprecedented outbreak of Ebola affected Sierra Leone, Guinea and Liberia and Sir Michael worked at the centre of the UK response to the West Africa Ebola outbreak, leading the clinical team that treated Ebola patients in the UK. In early 2020, the same team treated some of the first COVID-19 patients in the UK and it continues to respond to the evolving pandemic. Sir Michael is currently working extensively on UK, EU and WHO programmes on vaccines and therapeutics for COVID-19. In 2016, he was knighted for services to the prevention and treatment of infectious diseases.

SIR JOHN KINGMAN KCB FRS

John Kingman (1987, History) has been Chairman of Legal & General plc since 2016. He is also Chair of Tesco Bank and Deputy Chair (twice Acting Chair) of the National Gallery. From 2016–21 he was the first Chair of UK Research and Innovation, which oversees Government science and innovation funding of c£8bn a year. He was elected an Honorary Fellow of the Royal Society



Mike Abrahams

in 2021 'for his unwavering support for science throughout his career'. At the Treasury, where he was Second Permanent Secretary, he was closely involved with the response to the 2007–9 financial crisis, leading on the nationalisation of Northern Rock and the £37bn recapitalisation of RBS, Lloyds and HBOS. He was also particularly involved with science funding, leading on five spending reviews which prioritised science and in 2004 leading the cross-Government ten-year science and innovation framework. In 2018 he undertook a highly critical review of the Financial Reporting Council, recommending wholesale reform of the FRC and ending self-regulation of the major audit firms. John is also a World Fellow of Yale University.

'It is wonderful to have the opportunity to renew my connections with St John's, having read Modern History at the College from 1987–90. Through my career at the Treasury, I have had a good deal of engagement with key people in the university, working closely on – and debating – policy issues with extraordinary thinkers such as John Vickers and John Bell. I had the extraordinary privilege to be the first Chair of UK Research and Innovation, which oversees around £8bn of Government science, research and innovation funding – in this role it was constantly brought home to me quite how exceptional are Oxford's research strengths, by any global measure. More recently as Chairman of Legal & General, I have worked with the Vice-Chancellor, Louise Richardson, to put in place a unique long-term partnership between L&G and the University, under which L&G is financing a whole range of scientific, housing and technology facilities. We expect this to result in new capital investment of at least £4bn in and around the University.'

PROFESSOR PRATAP MEHTA FBA

Pratap Bhanu Mehta (1985, PPE) is Laurence Rockefeller Visiting Professor for Distinguished Teaching at Princeton University. He is also Senior Fellow at the Centre for Policy Research. He was previously Vice-Chancellor of Ashoka University, and President, Center for Policy Research, Delhi. He has taught at Harvard, Ashoka, and NYU Law School.



He has published widely in political theory, history of ideas, Indian Constitutional Law and Indian Politics. He is the author of *The Burden of Democracy* (Penguin 2003). He is (most recently) co-editor, with Madhav Khosla and Sujit Choudhary of *The Oxford Handbook to the Indian Constitution* and of *Navigating the Labyrinth: Perspectives on Higher Education in India*.

Mehta was Convenor of the Prime Minister of India's Knowledge Commission (2005–07) and a member of India's National Security Advisory Board. He is also editorial consultant to the Indian Express and a prolific contributor to public debates. He is a winner of the Malcolm Adishesiah Prize, and Infosys Prize. His citation for the Infosys Prize, written by a Jury Chaired by Amartya Sen read, 'Dr Pratap Bhanu Mehta has established himself as one of India's finest scholars and public minds, who has inspired a new generation of intellectual enquiry. He has contributed not only to political philosophy and social theory in general, but has also addressed urgent issues of Indian politics and public policy. Mehta has shown an exemplary willingness to broaden the sphere of public reason and to challenge reigning orthodoxies, while remaining committed to institution building'. After studying PPE at St John's, Professor Mehta studied for a PhD in Politics from Princeton University.

Governing Body

PROFESSOR BRENDA STEVENSON

Professor Brenda Stevenson joined the University in October 2021 as the inaugural Hillary Rodham Clinton Chair of Women's History. She was previously the Nickoll Family Endowed Chair in the Department of History and a Professor of African American Studies at the University of California,



Los Angeles (UCLA). Professor Stevenson's work shows that the study of women and their histories, particularly those that address women of colour, is both valuable and legitimate. She is a social historian whose research focuses on gender, race, family, and social conflict in America and the Atlantic World from the colonial period to the late twentieth century. Her work, including *Life in Black and White: Family and Community in the Slave South* and *The Contested Murder of Latasha Harlins: Justice, Gender and the Origins of the LA Riots* has won many awards.

Supernumerary Fellows

DR JESSICA OMUKUTI

Jessica Omukuti is Net Zero Fellow at St John's and is a Research Fellow on Inclusive Net Zero for the Oxford Net Zero Initiative based at the Institute of Science Innovation and Technology. Her work looks at climate justice and equity, climate finance, climate change adaptation, and just transitions in the Global South.



Supernumerary Teaching Fellows

JORDAN ENGLISH

Jordan English is Supernumerary Teaching Fellow in Law. His research spans all areas of private law and he is particularly interested in private law remedies, the law of trusts, and the law of restitution. He has written on the law of tracing (see p. 51) and his current research is concerned with the nature of, and justification for, the discharge of contractual obligations in cases other than performance (i.e. following breach, frustration, and common mistake).



DR JANE COONS

Jane Coons is Supernumerary Teaching Fellow in Mathematics, focusing on the pure mathematics course for first- and second-year undergraduates. Her research is in the area of algebraic statistics, a relatively new research area that aims to apply algebraic and geometric techniques to questions in statistics and to use these problems to motivate new theoretical advances.



DR ALICE ROULLIÈRE

Alice Roullière's doctoral research focused on the sixteenth-century poet Pierre de Ronsard and poetic ghosts. The question of ghosts led her to think about the troubled narratives around national identity that arise during the early modern period and how they intersect with the renewed interest in apparitions and the supernatural in the sixteenth century. She is Supernumerary Teaching Fellow in French and teaches translation.



Junior Research Fellows

DR JOSEF BORONSKI

Josef Boronski is Junior Research Fellow in Chemistry. Previously at the Universities of York and Manchester, his interests lie in the organometallic chemistry of the main group and actinide elements, specifically the synthesis of low-valent compounds of main group elements and their reactivity with small molecules. The use of elements such as aluminium, which is highly earth-abundant, to accomplish challenging chemical transformations has the potential to lessen industrial reliance on toxic/scarcely metals and reduce global greenhouse gas emissions. Dr Boronski is also interested in exploring the fundamental chemistry of the actinides, which might reveal new facets to the properties of these radioactive elements to inform enhanced methods for the remediation of nuclear waste.



DR CHAO HE

Chao He's research interests lie in developing advanced electrical/optical techniques for various applications, with an emphasis on polarisation optics for biomedical imaging and clinical diagnosis, such as label-free cancer detection via polarisation information. He is Junior Research Fellow in Engineering.



DR LAURA FLANNIGAN

Laura Flannigan is Junior Research Fellow in History. She researches the politics and political culture of late-medieval and early modern England, between the fifteenth-century 'Wars of the Roses' and the Civil War of the 1640s. Her work looks at the communication of governmental ideals between ordinary people and the authorities; the projection of monarchy to the 'public'; the expansion of litigation in early modernity; and the 'power of petitioning'.



DR DYLAN GAFFNEY

Dylan Gaffney is Junior Research Fellow in Archaeology and Anthropology. His research examines how humans adapted to, and transformed, a variety of tropical environments in the deep past. He is currently exploring how Pleistocene and Holocene populations adapted to small rainforested islands on the equator for the first time in history with fieldwork in the Raja Ampat Islands at the boundary of Indonesia and New Guinea. Archaeological survey and excavation is revealing insights into long-term population histories of the Asia-Pacific region, including the dynamics of trade and exchange, subsistence behaviours, technological change, and migration.





Leavers 2022

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.

PROFESSOR JULIA BRAY

Abdulaziz Saud AlBabtain Laudian Professor in Arabic
(now Emerita Research Fellow)

DR NATALIA GROMAK

Science Research Fellow in Biochemistry

DR KENO JUCHEMS

Junior Research Fellow in Psychology

DR GEORGE POTTS

Leverhulme Early Career Fellow in English

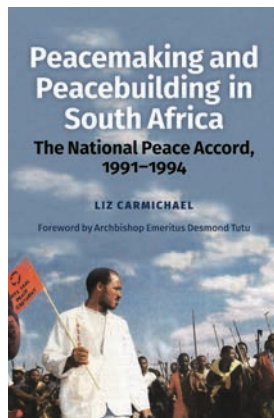
PROFESSOR MAGGIE SNOWLING

President (now Emerita Research Fellow)

The Reading List

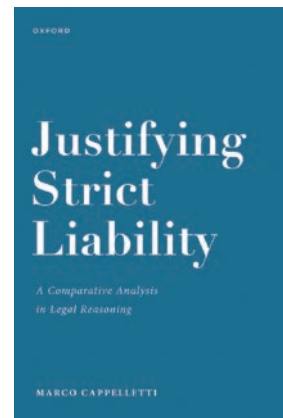
St John's Fellows have been responsible for many publications over the last year, covering a range of diverse subjects. A small sample of their books is included below.

REVD DR LIZ CARMICHAEL
*PEACEMAKING AND
PEACEBUILDING IN
SOUTH AFRICA: THE
NATIONAL PEACE ACCORD
1991–1994*
Liz Carmichael (James
Currey/Boydell & Brewer,
2022)



This first full account of the South African National Peace Accord (NPA) fills a significant gap in knowledge of this key transitional phase in the country's history. Signed by the ANC Alliance, Government, Inkatha Freedom Party and other political and labour organisations on 14 September 1991, the parties agreed in the NPA on the common goal of a united, non-racial democratic South Africa and provided practical means for moving towards this end. This book describes the formulation of the NPA and its implementation: the establishment of codes of conduct for political organisations and for the police, the creation of national, regional and local peace structures for conflict resolution and the investigation and prevention of violence, peace monitoring, as well as the critical socio-economic reconstruction and peacebuilding that aimed to bring lasting change. The NPA was recognised internationally as South Africa's sole consensus document, bringing observers from the UN, EU, Commonwealth and OAU, and the author also assesses their role and that of the Goldstone Commission, which existed under the NPA and prefigured the TRC.

DR MARCO CAPPELLETTI
*JUSTIFYING STRICT
LIABILITY: A COMPARATIVE
ANALYSIS IN LEGAL
REASONING*
Marco Cappelletti (OUP
2022)

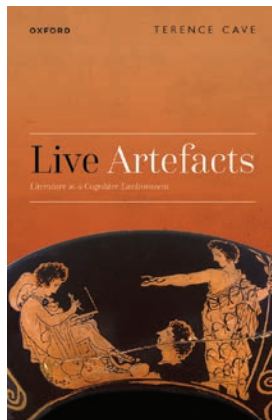


The imposition of strict liability in tort law is controversial, and its theoretical foundations are the object of vigorous debate. Why do or should we impose strict liability on employers for the torts committed by their employees, or on a person for the harm caused by their children, animals, activities, or things? This book explores, in a comparative perspective, the most significant arguments that are put forward to justify the imposition of strict liability in four legal systems: two common law, England and the United States, and two civil law, France and Italy. The book seeks to improve understanding of strict liability, to shed light on the justifications for its imposition, and to enhance understanding of the different tort cultures featuring in the four legal systems studied.

PROFESSOR TERENCE CAVE
*LIVE ARTEFACTS: LITERATURE IN A COGNITIVE
ENVIRONMENT*
Terence Cave (OUP, 2022)

Literary artefacts – the stories people tell, the songs they sing, the scenes they enact – are neither a by-product nor a side-issue in human culture. They provide a model of everything that cognition does. They refuse to separate thought from emotion, bodily responses from ethical reflection, perception from imagination, logic from desire. Above all, they demonstrate the essential

fluidity and mobility of human cognition, its adaptive inventiveness. If we are astonished by the art of Chauvet or Lascaux as an early model of human cognition, then we should be continually astonished by what literature is and does as it reaches beyond itself to reimagine the world. This book argues that literary artefacts are quasi-autonomous living entities, fashioned to animate captured environments, embodied people and other creatures, ways of being and living that remain virtual. They own a freely delegated agency that allows them to speak to listeners and readers present and distant, present and future, adapting themselves and their meanings to whatever cognitive environment they encounter. Such an approach offers a way of linking a close attention to the specific properties of literary artefacts with the insights of cognitive anthropology and archaeology, and thus of satisfying the conditions for a properly interdisciplinary understanding of literature. It aims both to defend literary study against utilitarian and reductive arguments of all kinds and to argue that literary artefacts may give us new insights into how the mind (and its indispensable substratum, the brain) functions in the human ecology.



PROFESSOR ROBERT DARNTON
PIRATING AND PUBLISHING: THE BOOK TRADE IN THE AGE OF ENLIGHTENMENT
 Robert Darnton (OUP, 2021)

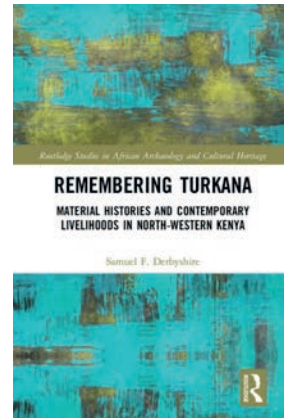
In the late 18th century, a group of publishers in countries located along the French border, stretching from Holland to Switzerland, pirated the works of prominent (and often banned) French writers and distributed them in France, where laws governing piracy were in flux and any notion of ‘copyright’ very much in its infancy. Piracy was entirely legal and everyone acknowledged – tacitly or openly – that these pirated editions of works by Rousseau, Voltaire, and Diderot, among other luminaries, supplied a growing readership within France, one whose needs could not be met by the monopolistic and tightly



controlled Paris Guild. This book focuses principally on a publisher in Switzerland, one of the largest and whose archives are the most complete. Through the lens of this concern, Robert Darnton offers a sweeping view of the world of writing, publishing, and especially bookselling in pre-Revolutionary France – a vibrantly detailed inside look at a cut-throat industry that was struggling to keep up with the times and, if possible, make a profit off them. *Pirating and Publishing* reveals how and why piracy brought the Enlightenment to every corner of France, feeding the ideas that would explode into revolution.

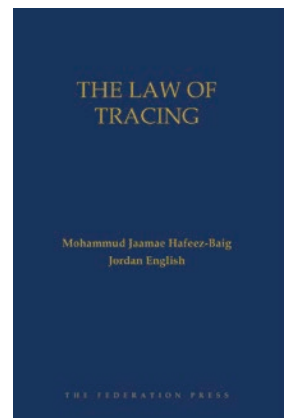
DR SAM DERBYSHIRE
REMEMBERING TURKANA: MATERIAL HISTORIES AND CONTEMPORARY LIVELIHOODS IN NORTH-WESTERN KENYA
 Samuel Derbyshire (Routledge, 2020)

This book explores aspects of the socio-economic and political history of the Turkana of northern Kenya, examining the making and remaking of the regional economy via the trajectories of socio-material interaction that have structured key practices, relationships, and livelihoods over the past century.

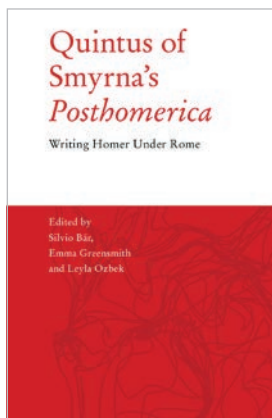


DR JORDAN ENGLISH
THE LAW OF TRACING
 Jordan English, Muhammad Jaamae Hafeez-Baig (Federation Press, 2021)

The Law of Tracing determines when one right stands in place of another for the purposes of certain personal or proprietary claims. It is an important part of the law of property and trusts, and the law of remedies. This book provides a comprehensive account of the law of tracing. It offers clear answers to fundamental questions such as ‘What is tracing?’ and ‘Does tracing create new rights?’, while also explaining in detail the tracing rules and the application of those rules in hard cases. The book provides a complete treatment of the law in Australia and England.



PROFESSOR EMMA GREENSMITH
WRITING HOMER UNDER ROME: QUINTUS OF SMYRNA'S 'POSTHOMERICA'
Silvio Bar, Emma Greensmith, Leyla Ozbek (eds.) (EUP, 2022)



This 20-chapter volume looks at imperial Greek epic and its context, with contributions on a wide range of topics including sexuality, dramatic performance, visual culture, philology, religion, heroism, and humour.

DR SARAH GREER
COMMEMORATING POWER IN EARLY MEDIEVAL SAXONY: WRITING AND REWRITING THE PAST AT GANDERSHEIM AND QUEDLINBURG
Sarah Greer (OUP, 2021)



Commemorating Power looks at how the past was evoked for political purposes under the Saxon dynasty, the Ottonians, who came to dominate post-Carolingian Europe as the rulers of a new empire in Germany and Italy. With the accession of the first Ottonian king, Henry I, in 919, sites commemorating the king's family came to the foreground of the medieval German kingdom. The most remarkable of these were two convents of monastic women, Gandersheim and Quedlinburg, whose prominence in Ottonian politics has been seen as exceptional in the history of early medieval Western Europe. In this book, Sarah Greer offers a fresh interpretation of how these convents became central sites in the new Ottonian empire, revealing how the women in these communities themselves were skilful political actors more than capable of manipulating memory for their own benefit.

PROFESSOR PATRICK HAYES
THE OXFORD HISTORY OF LIFE-WRITING, VOLUME 7: POSTWAR TO CONTEMPORARY, 1945–2020
Patrick Hayes (OUP, 2022)



Considering a diverse range of texts from across the English-speaking world, this volume places life-writing in relation to wider debates about the sociology and philosophy of modern identity, and the changing marketplace of publishing and bookselling. Yet in doing so it seeks above all to credit the extraordinary literary inventiveness which the pursuit of self-knowledge inspired in this period. Major subjects addressed include: the aftermath of World War II, including responses to the Holocaust; the impact of psychoanalysis on biography; autofiction, autobiography, and changing ideas about authentic self-knowledge; coming-out memoirs and the transformation of sexual identity; feminist exemplary writing and lyric poetry; multilingualism and intercultural life-writing; the memoir boom and the decline of intimacy; testimony narrative and memory culture; posthumanism in theory and practice; literary biography as an alternative to literary theory; literary celebrity and its consequences for literature; social media and digital life-writing.

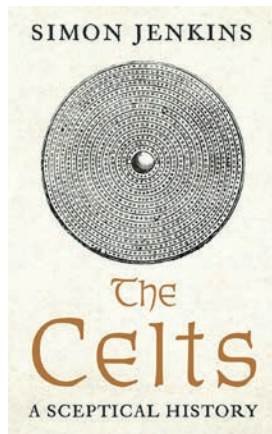
SIR SIMON JENKINS
EUROPE'S 100 BEST CATHEDRALS
Simon Jenkins (Viking, 2021)

Professor Diarmaid MacCulloch describes this book as 'the best sort of guide to some of Europe's greatest buildings and their settings: well-informed, elegantly opinionated and passionate in his feelings for his subject. Set out on your European travels expecting to be entertained as well as informed'.

THE CELTS: A SCEPTICAL HISTORY
Simon Jenkins (Profile 2022)

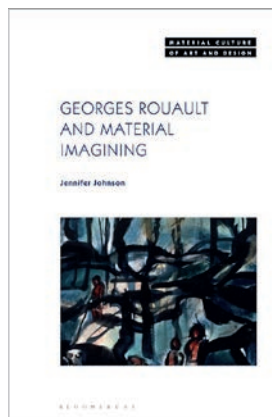
There has never been a distinct people, race or tribe claiming the name of Celtic, though remnants of different languages and cultures remain throughout Wales, Ireland, Scotland, and Cornwall. The word *keltoi* first appears in Greek as applied generally to aliens or 'barbarians' – and theories of Celticism continue to

fuel many of the prejudices and misconceptions that divide the peoples of the British Isles to this day. Often seen as unimportant or irrelevant adjuncts to English history, this book looks at who the Celts really were – or weren't – and what their legacy should be in an increasingly dis-United Kingdom.



DR JENNIFER JOHNSON
GEORGES ROUAULT AND
MATERIAL IMAGINING
 Jennifer Johnson
 (Bloomsbury, 2020)

Described as a difficult and dark painter, Georges Rouault's oeuvre is deeply experimental. Images of the circus emerge from a plethora of chaotic marks, while numerous landscapes appear as if ossified in thick paint. *Georges Rouault and Material Imagining* approaches Rouault in relation to contemporary theories about making and material, examining how he constructs a 'material consciousness' that departs from other modern painters. Rouault's work explodes the genre of painting, drawing upon the residue of Gustave Moreau's symbolism, the extremities of Fauvism, and the radical theatrical experiments of Alfred Jarry. The repetitions and re-workings at the heart of Rouault's process defy conventional chronological treatment, and place the emphasis upon the coming-into-being of the work of art. Ultimately, the process of making is revealed as both a search for understanding and a response to the problematic world of the twentieth century. *Georges Rouault and Material Imagining* therefore offers an innovative critical approach to the various questions raised by this difficult modernist.



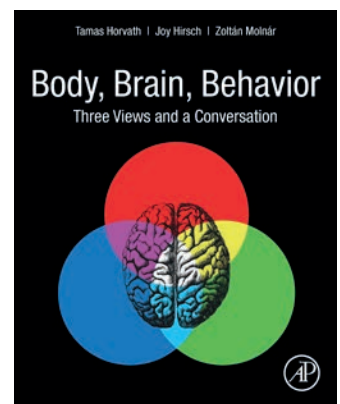
PROFESSOR NIKOLAJ
LÜBECKER
TWENTY-FIRST-CENTURY
SYMBOLISM: VERLAINE,
BAUDELAIRE, MALLARMÉ
 Nikolaj Lübecker (Liverpool
 University Press, 2022)

How do the writings of Verlaine, Baudelaire, and Mallarmé speak to our time? Why should we continue to read these poets today? How might a contemporary reading of their poetry differ from readings delivered in previous centuries? *Twenty-First-Century Symbolism* argues that Verlaine, Baudelaire, and Mallarmé prefigure a view of human subjectivity that is appropriate for our times: we cannot be separated from the worlds in which we live and evolve; human beings both mediate and are mediations of the environments we traverse and that traverse us, whether these are natural, urban, linguistic, or technological environments. The ambition of the book is therefore twofold: on the one hand, it aims to offer new readings of the three poets, demonstrating their continued relevance for contemporary debates, putting them into dialogue with a philosophical corpus that has not yet played a role in the study of nineteenth-century French poetry; on the other, the book relies on the three poets to establish an understanding of human subjectivity that is in tune with our twenty-first century concerns.



PROFESSOR
ZOLTÁN MOLNÁR
BODY, BRAIN,
BEHAVIOR: THREE
VIEWS AND A
CONVERSATION
 Tamas Horvath, Joy
 Hirsch, Zoltán Molnár
 (Elsevier, 2022)

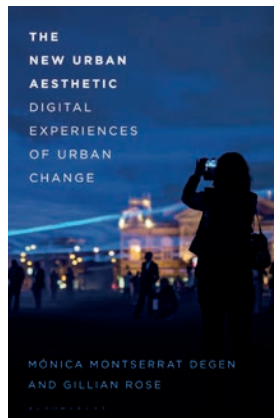
Body, Brain, Behavior: Three Views and a Conversation describes brain research on the frontiers, with a particular emphasis on the relationship between the brain and its development and evolution, peripheral organs, and other brains in communication.



PROFESSOR GILLIAN ROSE

THE NEW URBAN AESTHETIC: DIGITAL EXPERIENCES OF URBAN CHANGE

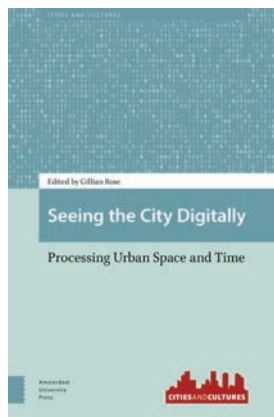
Mónica Montserrat Degen, Gillian Rose (Bloomsbury, 2022)



Cities are key sites for the reproduction of global capitalism, and urban branding is central to this transformative dynamic. In the 21st century, cities are also being profoundly reconfigured by the deployment of many kinds of digital technologies. Both of these shifts entrain sensory bodily experiences. This digitally mediated reconfiguration of what cities feel like is what this book terms the new urban aesthetic.

The book focuses on three examples of urban change in which digital technologies of different kinds were central: a large-scale urban redevelopment in Doha, the retrofitting of Milton Keynes to become a smart city, and the cultural regeneration of Smithfield Market into the Culture Mile in London. Each case study focuses on a different kind of digital mediation, including the computer-generated images created to sell new urban developments, smart city phone apps, and Instagram posts about particular urban places. The book identifies three versions of the new urban aesthetic: glamorous, flowing, and dramatic. It shows how each of these organise sensory experiences through particular distributions of temporality and spatiality. As well as exploring the importance of sensory constellations in our digitally mediated cities, the book also offers ways to investigate their fragility and potential for subversion.

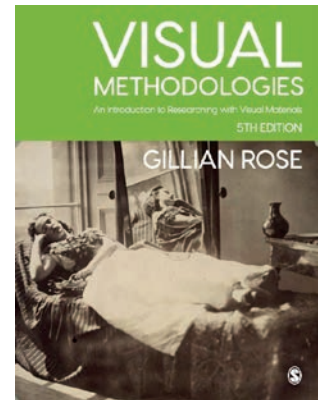
SEEING THE CITY DIGITALLY: PROCESSING URBAN SPACE AND TIME
Gillian Rose (Amsterdam University Press, 2022)



This book explores what's happening to ways of seeing urban spaces in the contemporary moment, when so many of the technologies through which cities are visualised are digital. Cities have always been pictured, in many media and for many different purposes. This edited collection explores how that picturing is changing in an era of digital visual

culture. Analogue visual technologies like film cameras were understood as creating some sort of a trace of the real city. Digital visual technologies, in contrast, harvest and process digital data to create images that are constantly refreshed, modified, and circulated. Each of the chapters in this volume examines a different example of this processual visibility is reconfiguring the spatial and temporal organisation of urban life.

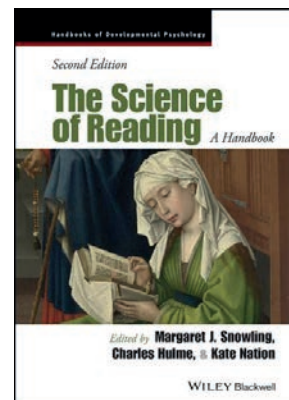
VISUAL METHODOLOGIES
Gillian Rose (SAGE Publications Ltd, 2022)



The latest edition of this classic text provides researchers with the key skills needed to complete a visual methods research project, understand the rationale behind each step, and engage with the contexts and power relations that shape our interpretation of visual images.

The book guides the reader through the methods, techniques and approaches that will help them make sense of the visual culture surroundings. In the words of one reviewer: 'With vibrancy, lucidity and energy, this stone-cold classic reaches its fifth and refreshed edition at just the right time'.

PROFESSOR MAGGIE SNOWLING AND PROFESSOR KATE NATION
THE SCIENCE OF READING: A HANDBOOK 2E
Margaret J. Snowling, Charles Hulme, Kate Nation (eds.) (Wiley, 2022)



The *Science of Reading* is an invaluable resource for advanced students, researchers, and specialist educators. The book provides an authoritative, state-of-the-art overview of current understanding of reading and related skills. Each chapter offers critical appraisals of research on both adult reading processes and their development. There is extensive coverage of reading and spelling processes in different writing systems and both acquired and developmental disorders of

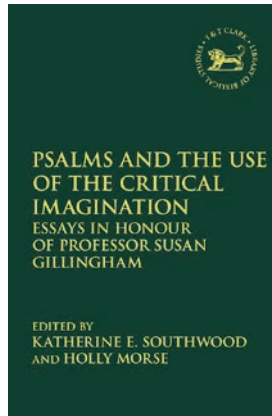
reading. The chapters discuss a wide range of issues, including the development of language and its role in reading development, the role of biological and environmental influences on literacy development, the role of biological and environmental influences on literacy development, the brain systems underlying reading, the development of word reading and reading comprehension skills, current methods for identifying dyslexia and more.

PROFESSOR KATHERINE SOUTHWOOD

PSALMS AND THE USE OF THE CRITICAL IMAGINATION

Katherine E. Southwood, Holly Morse (eds.) (Bloomsbury, 2022)

The contributors provide fresh insight into the context surrounding the composition and reception of the Psalms, the relationships between the Psalms, and of early audiences who engaged with the material.



PROFESSOR CATHERINE WHISTLER

RAPHAEL: DRAWING AND ELOQUENCE

Ben Thomas and Catherine Whistler (eds.) (Accademia Raffaello, 2020)

This book presents a series of original insights from leading experts into the great Renaissance artist, that originate from the series of interdisciplinary research workshops that supported the Ashmolean's award-winning exhibition *Raphael: The Drawings* in 2017. The essays in this volume all develop in different ways the claim of that exhibition that a focus on Raphael's drawings as material objects that are eloquent in themselves reveals a less classical, more approachable and emotional artist. For some authors the detailed technical analysis of the drawings has led to new discoveries about the layered approach to design that these fragile sheets of paper embody, while others have explored what the drawings signified in a culture saturated with rhetorical concepts.

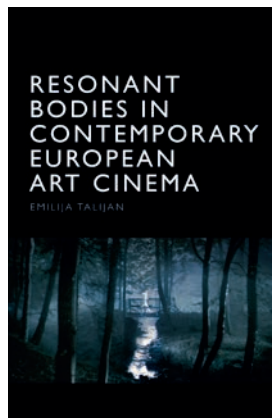


DR EMILIJA TALIJAN

RESONANT BODIES IN CONTEMPORARY EUROPEAN ART CINEMA

Emilija Talijan (Edinburgh University Press, 2022)

This book examines the way post-millennial contemporary European filmmakers are using sound in order to represent and address the body; both bodies on screen and a spectator's listening body.



Senior Members' News

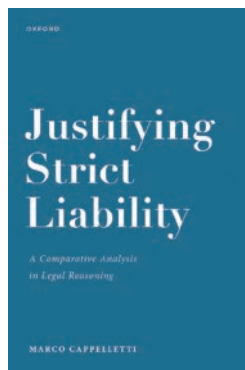


DBFest – a two-day scientific meeting showcasing research inspired by Honorary Fellow **Professor Dorothy Bishop**'s contributions – was held at the Royal Society in June. There were two major themes, language development and disorder, from neurobiology through to intervention, and reproducibility and open science. The programme included contributions from the many established and early career researchers who have benefited from Dorothy's wisdom and mentorship over many decades. Many St John's academics and alumni were present, seen above with Dorothy wearing her present, a pink velvet 'thinking cap' as worn by Enlightenment philosopher David Hume.



Professor Terence Cave CBE FBA, Emeritus Fellow and Emeritus Professor of French Literature, received two honorary degrees: he was awarded Doctor of Letters by the University of St Andrews in June and was made Doctor Philosophiae Honoris Causa by the University of Oslo in September.

Dr Marco Cappelletti, Junior Research Fellow in Law, was awarded the Grand Prize of the International Academy of Comparative Law, also known as Canada Prize, during the General Congress of the International Academy, in Asunción, Paraguay at the end of October for his monograph, *Justifying Strict Liability: A Comparative Analysis in Legal Reasoning* (OUP 2022).



Professor Sir Richard Catlow FRS, Honorary Fellow, became Co-President of the Inter Academy Partnership (IAP) – a global network of over 140 academies of science and medicine – this year and was also awarded an Honorary Doctorate by the University of Bath.

Professor Richard Compton, Tutorial Fellow in Chemistry, gave his Inaugural Lecture to the Lithuanian Academy of Sciences on the topic of ‘Chemical Sensors for the Ocean’ to an audience including the Lithuanian President and Prime Minister. He also assisted the Polish Ministry of Education and Science as the foreign expert in Chemistry with their task of evaluating the quality of scientific activity conducted at Polish universities and research institutions.

Professor Andrew Harrison, Honorary Fellow and CEO of Diamond Light Source, was elected as a Fellow of the Royal Society.

Professor Philip Maini, Professor of Mathematical Biology, was elected Fellow of the European Academy of Sciences and also elected Fellow of the American Association for the Advancement of Science (FAAAS). He gave the Alan Turing Lecture, Alan Turing Digital Event 2021 at King’s College, University of Cambridge. He is a Theme Co-Leader for the Oxford CRUK Cancer Centre which is part of a programme that was awarded an £11m-pound grant by Cancer Research UK (CRUK).

Catherine Mallyon, Honorary Fellow, was awarded a CBE for Services to Theatre and the Arts in the Queen’s 2022 Birthday Honours.

Professor James Maynard, Supernumerary Fellow and Professor of Number Theory, was awarded the Fields Medal this year, widely regarded as the highest honour a young mathematician can attain. He was also awarded a 2023 New Horizons Prize for Early-Career Achievements in Mathematics in recognition of his multiple contributions to analytic number theory, and in particular to the distribution of prime numbers.



Professor Linda McDowell CBE, Emerita Research Fellow and Professor Emerita of Human Geography was awarded the honorary degree of Doctor of Science by the University of St Andrews in June.

Professor Kate Nation, Tutorial Fellow in Psychology, received the Mid-Career Award from the Experimental Psychology Society. This award recognises an experimental psychologist who is currently active in research and has a distinguished research record over a substantial period. Kate delivered her award lecture ‘Becoming a Reader’ to the Society in April, 2022. Her lecture was accompanied by a research symposium on reading acquisition featuring leading scientists from the US, Israel, Italy, and the UK. The symposium was organised by two of Kate’s former graduate students, Dr Jo Taylor (UCL) and Dr Jessie Ricketts (Royal Holloway), both alumnae of the college (front row, left in the picture, along with members of Kate’s current research group).



Professor Jan Obloj, Tutorial Fellow in Mathematics, was elected as a Fellow of the Institute of Mathematical Statistics. He received his award for pioneering contributions in robust financial mathematics and related advances in probability theory and statistics, including theoretical and computational aspects of Skorokhod embeddings and martingale optimal transport problems.

Dr Alison Pollard, Lecturer in Classical Archaeology, launched an exciting online resource on the Arundel Collection at the Ashmolean Museum (https://www.cloudtour.tv/ashmolean/arundel_marbles).

Professor Maggie Snowling, Professor Charles Hulme and team were awarded Highly Commended at the Vice Chancellor’s Innovation and Engagement awards in September for their LanguageScreen mobile app that helps schools assess children’s language skills quickly and accurately.

Professor Karthik Ramanna, Supernumerary Fellow and Professor of Business and Public Policy at the Blavatnik School of Government, won the HBR McKinsey Award for an article on measuring greenhouse emissions. ‘Accounting for Climate Change’ suggests a new solution to the problem of measuring emissions and proposes a more precise way of evaluating a company’s environmental impact, using blockchain technology to track emissions throughout the supply chain.

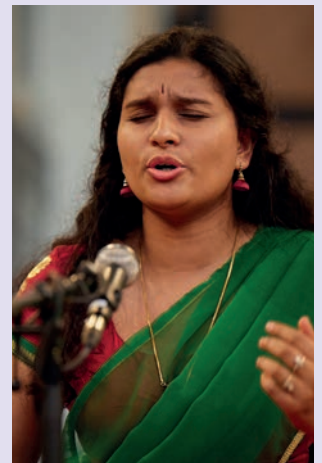


Bernard Taylor, CBE DCL DL FRSC, Honorary Fellow and Chairman of Thomas White Oxford Limited, the development company responsible for delivering Oxford North, the new global life sciences district for Oxford, was awarded the Degree of Doctor of Civil Law, *honoris causa*, at Encaenia in June.

In September 2021 there was a celebration at All Souls of the 50th anniversary of the publication of Honorary Fellow **Sir Keith Thomas's** ground-breaking book, *Religion and the Decline of Magic*

Professor Stuart White, Tutorial Fellow in Mathematics, was successful in the European Research Council's 2021 Advanced Grants Competition with his CSTAR project, which focuses on the structure and classification of operator algebras. Competition was stiff with 14 per cent of applications, including only nine mathematicians, resulting in a successful award. This will be funded as a UKRI Horizon Frontier Research Grant. Stuart also gave an invited address on the structure and classification of C^* -algebras at the International Congress of Mathematicians, a quadrennial meeting that is the largest and most prestigious conference in the subject.

Professor William Whyte, Tutorial Fellow in History, has published essays on Victorian thought and nineteenth-century architecture, edited a special issue of a journal on school buildings (with Professor Catherine Burke of Cambridge), and organised a year of commemorations for the 150th anniversary of the legislation that finally opened Oxford to non-Anglicans. Working with Professor Susan Doran and Professor Paulina Kewes (both of Jesus College) and a team of others, including St John's DPhil student Anna Clark, this involved virtual publications, an online exhibition, talks, and even a concert in the Sheldonian Theatre. The same team curated an exhibition at the Museum of Oxford on the relics of the Reformation in the city. He also took on responsibility for running the University's biggest ever construction project, the Stephen A. Schwarzman Centre for the Humanities.



From the JCR

ANDREW HANGCHI
(2020, PPE)
JCR PRESIDENT

Emergent from the Pandemic is an overwhelming sense that we should see life at St John's return to what it was before. Indeed, my two predecessors wrote in previous editions about the hope for a return to 'normal', and the reluctant acceptance of a 'new normal'. With pandemic controls easing all over the world, we thankfully see that the 'new normal' will not be something that we have to settle into, striking a note of hope. Yet, as the final cohort of students that experienced life at St John's before the Pandemic graduates this year, taking with them the last memories of St John's before 2020, I am instead struck by the reality that the 'old normal' will never return. We grieve losing old traditions, but I also know that it is imperative that we are proactive in shaping our future at St John's. As JCR President, it has been a privilege to lead these efforts. Academic year 2021-22 in the JCR has thus been characterised by the dual re-introduction of conventions that we have been able to protect and the development of new traditions to be experienced by students to come.

Both Michaelmas and Hilary Terms were a fine balancing act of resuming social activities and mitigating the threat of a Pandemic resurgence. We began the academic year with the first in-person Freshers' Week since the Pandemic, which was co-chaired by our current

JCR Vice-President, Amelie Bhaluani. We were very glad to see new students receiving a more complete university experience. Hilary Term saw the further expansion of social activities, as College hosted both the Women's and the LGBTQ Dinner. Amelie bravely took up the mantle of Interim JCR President and did a brilliant job holding the fort. A personal highlight was when some friends and I created a new JCR society called 'Wine and Whining', a space for silly, existential discussion, accompanied by wine.

Trinity Term had more bustle, as the summer heat (simply warmth for my tropical constitution) brought with it new events and major infrastructural developments in the JCR. A long-awaited refurbishment of the JCR social spaces, led by our Secretary (Ozan Erder) is finally materialising, and promises to be complete by the end of the summer. Our Treasurer (Matthew Barrett) has reworked our accounting practices to prevent administrative fall-through whilst keeping the system as minimal as possible. Our Environment & Ethics Officer (Hannah Koch) rolled out student-owned, reusable bar cups, and successfully championed for a Food Waste Bin pilot in college. Elsewhere, I created a new Officer position, Officer Beyond the Walls, to manage relationships with businesses, other JCRs, and eventually direct a careers programme that I am personally creating. We also convened subcommittees to reconstruct the JCR website and the Alternative Prospectus. We have seen an Ethnic Minorities Dinner, Women's Garden Party, and our Entertainment Officers (Dawid Koscielniak and Emily Bicknell) have institutionalised a new tradition of going to Isis Farmhouse for an open-bar event at the end of term. These all promise to make for a more robust, accessible, and sustainable JCR experience.

We have had three extraordinary years in the JCR: one requiring robust crisis-response, one requiring the management of pandemic controls, and now, one to rebuild our St John's community. We will have one more: my successor will need to secure new praxes and expand on the foundations that we have built this year. It has meant a lot to me to serve our community at such a crucial crossroads; more than a job, this has been the chance to seriously improve the welfare of the friends that I have made, and the people important to me. It is my sincere hope that my successor finds just as much meaning in this role as I have.



From the MCR

ARCHANA RAMESH
(2020, DPHIL CLINICAL NEUROSCIENCES)
MCR PRESIDENT

As I write this, I am reflecting on what a year it has been for the MCR as it navigated the various highs and lows of this pandemic, with perhaps the most significant change being that we have now lost our signature red walls in the MCR!

Last year saw us navigate from virtual gatherings, to hybrid, to finally offline as the rules relaxed and we could interact with each other. Last autumn, the MCR community reunited to welcome a new batch of postgraduates in a week of in-person events, which gave the incoming freshers a good introduction to the college community and its social life. As cocktails and mocktails were mixed in the marquee, new College families were formed and friendships were created. The return of the much-anticipated guest nights, where our victuallers outdid themselves with some wonderful themes ranging from Starlight to Alice in Wonderland, and exchange dinners, revived the social life of the MCR! Wine and Cheese nights (plus some cake!) and the Christmas Party were all a roaring success, and we ended what was a very tumultuous year with some precious memories.

We started 2022 with some uncertainty due to the pandemic and the Omicron variant but things soon settled, and the MCR was buzzing with activity before long. The much-loved Women's Dinner was back in Hall after a two-year hiatus on account of the pandemic, where more than 135 St John's women from across the common rooms gathered for a beautiful dinner in Hall, followed by a speech by Dr Rachel Fraser. Our Women's Officers hosted 'Galentine's', a wholesome activity where women in the MCR were invited to leave messages of encouragement, solidarity, and love for each other. The Culture Officers organised some wonderful book clubs and movie nights, and we even popped into the theatre multiple times! Not to be outdone, the BME officer organised the South-Asian inspired BME dinner, and the BME dance show. The Interfaith Iftaar, the International Dragon Boat Festival with zongzi, and our welfare brunches were all well attended. The Women's Garden Party and the MCR Garden Party were both back, enabling us to spend some time out in the sun, catching up with friends.

At the end of Hilary a new committee took over. For the first time, we had a Committee Induction, where the newly elected committee were able to meet with different people from College, closely followed by a tour of the



wine cellar. We met with Maggie Snowling, the then President, in her lodgings. This was a useful initiative that helped the new committee introduce themselves to the various College authorities.

Rents and Charges issues soon followed, where the MCR Vice President, Treasurer and I were involved in discussions with College, to ease the blow on students amidst a historic cost-of-living crisis. Increases to graduate studentships have been outpaced by inflation increases, and during our negotiations, College has been very understanding of hardships faced by graduate students and recognised this by absorbing a significant portion of the expected inflation. The graduate student accommodation credit has been reworked and through negotiations College has made a generous leeway for all graduates, with the Academic Grants and Special Grants being streamlined to meet the needs of graduates better. There has been a special grant set aside to enable more interaction between early career researchers and the MCR, including mentorship, and this will be overseen by the Fellow for Graduates and the newly created Academic Officer on the MCR Committee.

College has supported the MCR in the maintenance of the MCR building by facilitating repainting and supporting us with a generous allowance to refurbish the building. By taking these steps, St John's has reinforced its commitment to be the best Oxford college for graduates, another batch of whom we look forward to welcoming this autumn!

Sport Review 2021–22

Professor Stuart White, Tutorial Fellow in
Mathematics and Sports Officer

It has been excellent to get a full year's worth of sport this year, including the return of the Sports Dinner and events at the boathouse.

College sport is as wide-ranging as ever with 22 active clubs, and it was particularly good to see indoor sports including squash, badminton, and table tennis back in action, as well as our regular yoga and zumba classes. In Trinity Term the newly re-formed Dancesport group (Ballroom and Latin dance), which had been running two classes weekly, entered two teams in Cuppers. Although many of our dancers were beginners, the talent was obvious with St John's taking overall victory, and two couples winning first place in their chosen dances (Jive and Cha Cha Cha).

The Saints Men's Rugby Team had an incredibly successful season, coming second in the league and going on an incredible cup run to the final, sadly losing to Oriol 6–3. The Women's Football Team kept up their strong track record of success in recent years, making it to the final of the Hassan's Cup. Both teams comfortably won the College Men's and Women's Sports Teams of the Year award.

The Boat Club's year focused on participation: all their boats 'achieved' spoons in the Torpids regatta! There was a slight improvement in results by Summer Eights (each boat managed not to get bumped on one day), but importantly it was clear that our rowers have built a great community and fundamentally enjoyed themselves.

Other teams also had a great year, including the Basketball Team (undefeated in Michaelmas) and the Lacrosse Team (joint winners of the Mixed Sports Team of the Year).

Individually there has also been a lot of success. College Sportsman of the Year was Ned Russell (2019, English Language and Literature), whose energetic captaincy led the Saints Rugby Team on their Cuppers final run. Ned also played for the University seconds and was heavily involved in college cricket. The College Sportswoman of the Year was Grace Molloy (2019, MPhil Physics). Grace's incredible sporting achievements continue and she collected another four Blues in football, orienteering, athletics, and cross-country on top of the four she received last year. Grace missed the Sports Dinner at which she should have received her award, as she was in Sweden competing in the world orienteering cup for Team GB, but to round off an amazing year she was also awarded the University Sportswoman of the Year Trophy.

At University level our students are involved, in addition to more traditional sports like netball, football, cricket, and tennis, in sports such as gliding, competitive pole-dancing, and ultimate frisbee, and we were the mainstay of the University yachting regatta. Imogen Kilcoyne (2019, PPL) and Gus Coningham (2019, Classical Archaeology and Ancient History) gained Rugby Blues, playing at Twickenham.

Not to be outdone, the then President, Maggie Snowling, together with a number of Fellows, staff and students took part in the Town and Gown 10k run.





In Memoriam

Remembering members of the St John's College community

1941**Ian Ferguson**

08/11/1922 – 09/11/2021

1945**Peter Billam**

01/05/1927 – 15/12/2021

1947**Raymond Beeley**

13/08/1924 – 18/03/2022

1949**Gordon Bloomer**

23/05/1929 – 13/11/2021

Dr William Squire

07/10/1928 – 01/10/2021

1951**Dr Quentin Bone**

17/08/1931 – 06/07/2021

1954**Dr Peter Fan**

28/02/1935 – 07/06/2022

John Pollard

14/03/1933 – 10/01/2022

1955**Grahame Henry**

04/05/1934 – 22/01/2022

1956**Peter Harwood**

14/03/1935 – 15/03/2022

1959**Dr Robert Oxlade**

30/05/1940 – 30/05/2022

1961**Dr Richard Hill**

27/12/1942 – 31/10/1921

1962**Norman Webster**

04/06/1941 – 19/11/2021

1964**Professor Peter Mackridge**

12/03/1946 – 16/06/2022

1965**William Bailey**

03/10/1946 – July 2021

1966**Dr Peter Rees**

26/03/1942 – 23/01/2022

Graham Wood

19/08/1947 – 05/04/2022

1967**Professor John Richardson**

09/12/1948 – 21/03/2022

1975**Dr Colin Western**

15/08/1957 – 21/09/2021

1977**Dr Nicholas Holman**

22/12/1959 – 10/08/2021

1980**Dr Andrew McDonald**

27/06/1962 – 10/11/2021

1982**Niels Sampath**

04/04/1960 – 16/10/2021

Claire Wormald

02/06/1964 – 02/08/2021

This is a record of those whose deaths we have been informed of in the last year, up to 31 July 2022. 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.

Fellows

QUENTIN BONE

Honorary Fellow Quentin Bone died on 6 July 2021. The son and grandson of artists, married to an artist, and with no small share of artistic ability himself, Bone broke the mould by becoming one of the world's most distinguished zoologists. He was elected Fellow of the Royal Society and awarded both the Zoological Medal of the Linnean Society in 1999 and the Frink Medal of the Zoological Society in 2003. A lifetime's scholarship yielded numerous publications and an international reputation as an expert on marine biology. Among his many innovations, he pioneered the use of electron microscopy in his field.

Born in 1931, Bone first showed promise in the field at Warwick School, later recalling that he 'kept caterpillars, hunted for moths, went looking for orchids to draw, and so grew up to be a biologist'. He matriculated with an exhibition in zoology in 1951. St John's was the family college: his uncle, Gavin Bone, had been a fellow and tutor here; and his cousin, P. D. A. Harvey, had matriculated the year before to read Modern History. Quentin Bone's ability was recognised with a Casberd scholarship in 1953 and he graduated with a First in the following year. Contemporaries remembered him as a 'tall, fair, rather Adonis-like young man, not aloof, not unfriendly, but seemingly one who lived and moved on a higher intellectual plane'.

Awarded the Oxford Naples Scholarship, he spent time in Italy for research and returned to Oxford to take up a prize fellowship at Magdalen. Using silver-staining techniques developed by his tutor William Holmes (fellow 1947–82), he explored the nervous system and muscle morphology of the fish-like amphioxus and the pelagic tunicate *Doliolum*. He married the artist Susan Smith and, on their honeymoon, discovered that he had been offered a post at the Marine Biological Association Laboratory in Plymouth. It was to be his academic home for the rest of his career.

A slew of papers resulted from his work in Plymouth: on fish muscle and locomotion, on evolution and the development of sensory functions. He travelled the world in search of his subjects, combatting cockroaches in a Jamaican lab, hunting for sharks in Devon, and searching for coelacanths in the Indian Ocean. It was not without incident – and not all of the incidents were aquatic. 'Air Comores', he remembered, 'was the only airline I ever flew on where you met the pilots drinking in the bar before takeoff.'

Plymouth was where he and his wife raised four

sons, and where he wrote, with N. B. Marshall, their highly influential book *Biology of Fishes* (1983). Working through the night, he managed to combine a high-profile and productive career in science with service as a local magistrate. He also never lost touch with his artistic origins, observing that a move towards the study of gelatinous plankton 'satisfies my artistic instincts', because they were 'so exquisitely transparent and an appropriate size for electrophysiology'.

Retirement in 1991 did not mean an end to his work – indeed, it would be followed by a further 50 publications. Having been elected a Fellow of the Royal Society in 1984, he became editor of the *Philosophical Transactions of the Royal Society B* five years later. He was elected to an Honorary Fellowship at St John's in 1998.

JAMES NOEL ADAMS FBA

Professor Malcolm Davies writes:

'This excellent book must rank as a classic of its kind. It is by far the most important production of what I venture to call the Manchester School, from which in recent years so much valuable work has emanated.' So began the notice of Jim Adams' *The Latin Sexual Vocabulary* (1982) by F. D. R. Goodyear, a severe scholar, especially in his reviews, who often wrote as if he thought he was A.E. Housman reincarnate. 'Dr Adams', he continued, 'possesses a very cool head and a very sober judgement.' And he concluded his review by proclaiming that 'for page after page a reader of Adams' work can only nod approval. He has greatly advanced our understanding of one of the richest areas of the Latin language'. This almost hyperbolic eulogy, from an academic who did not scatter praise lightly, is no isolated reaction to an atypical example of Adams' extensive output. On the contrary, surveying this output as a whole, one may cite the obituary notice of him written by a Medieval Latinist, which claimed that his work 'revolutionised the field' with 'publications that will continue to be referred to by scholars for generations'. Another obituary notice went so far as to hail him as 'probably the greatest scholar of the Latin language of our time' (my italics).

Who was this prodigy and what was his connection with St John's? The bare facts can be briefly stated. Jim Adams was born in Sydney, Australia in 1943. He came to England in 1967 and it is only a slight oversimplification to say that he never left. (More of this below.) His professional academic career started and finished in Oxford, beginning with his doctoral thesis (later

published in the form of several articles) and ending with a Fellowship at All Souls. In between came a Junior Research Fellowship in Cambridge, and a lectureship and then professorship at Manchester University. While at the latter, he successfully applied for an annual visiting Senior Research Fellowship at St John's, Oxford (1994–5) and it was shortly after completing this that he was in 1998 elected at All Souls.

One may survey the character and range of Adams' other publications by picturing an imaginary general reader who, having heard that the book of Adams referred to above dealt with 'Latin obscenities', turned with prospective interest or even relish to his earlier and later writings. A misunderstanding of the specialised meaning of the seventh and second words respectively of the titles of *The Text and Language of a Vulgar Latin Chronicle* (1976) and *The Vulgar Latin of Claudius Terentianus* (1977) – this latter dealing with the letters of a bilingual Roman soldier of the second century AD – might have attracted the said reader's attention but could only have led to disappointment. And the sheer length, let alone the content, of the following would have surely exhausted any reader: *Bilingualism and the Latin Language* (2000), *The Regional Diversification of Latin 200 BC–AD 600* (2007), and *Social Variation and the Latin Language* (2016), the three together amounting to over 2,500 pages. This is

to say nothing of his final masterpiece, *Asyndeton and its Interpretation in Latin Literature: History, Patterns, Textual Criticism* (2021), coming in at a total of over 700 pages. (Note in passing that the vast number of these pages does not signify prolixity, concision and concentration being the hallmarks of their style and content.)

The individual who produced this work was, surprising as it might at first seem, a man not a machine, a human being with the weaknesses and foibles we all share. As evidence of which I end with the following anecdote. The aeroplane flight which brought him from Australia in 1967 was his first and last. A profound phobia of flying ensured that he never returned home, even for his father's funeral. He himself related to me the details of his only (abortive) attempt at a return to his native land. He settled uneasily in a seat adjacent to an extremely nervous-looking man. 'I don't like flying!' said the one. 'Neither do I!' said the other. 'I'm getting off!' announced Jim, and springing from his seat, demanded to be let out, to the irritation of his erstwhile fellow passengers, who had to wait while his luggage was removed from the plane. But Australia's loss was England's gain, and St John's can take pride in its association, however brief, with 'probably the greatest scholar of the Latin language of our generation'.

Staff

PETER COX

Peter Cox died in September this year. He was St John's longest-serving member of staff when he retired in 2011, having worked for the College for 66 years.

Peter joined St John's as an under-scout in 1945, aged 15, starting immediately after VE Day. His father had also worked as a scout for University College (for 42 years) and Peter had only taken the job because the alternative was either to be a 'servant to a gentleman' at Christ Church or to work as an errand boy in the Covered Market. The day-to-day life of a post-war student required very different support to the life of present-day students. Fireplaces were in daily use and Peter cleaned out the grate, laid a fire and filled coal buckets at six o'clock every morning. He also polished shoes and removed dirty dishes to be washed up in his pantry. After serving breakfast in Hall, he would empty chamber pots and dust and sweep students' rooms.

Peter's afternoons were his own and he joined the Oxford University College Servants' Rowing Club, passing afternoons on the river before returning to

College for Hall dinners, finishing at 8.00 in the evening. He worked seven days a week during term time and carried out his morning duties during vacations. His 'office' was in the basement of a staircase near North Quad tower, a space he used to build a bike, cook chutney on a miniature stove and brew up a batch of elderflower wine. Some of these activities were quickly halted when residents in the rooms on the top floor complained of 'strange smells'.

When Peter arrived at St John's there were only about a hundred students in residence and, in the course of his long career, he saw rapid change with new buildings (Dolphin Quad, the Beehive, Sir Thomas White Quad and Garden Quad) increasing the overall size of the College.

Peter's death marks the end of a link to an Oxford world of staff playing pranks on students and of sconcing – the imposition of fines for breaches of etiquette (such as arriving late to Hall for dinner). Such fines involved being given a heavy, two-and-a-half pint silver, lidded tankard, and having to drink its alcoholic contents in one go.

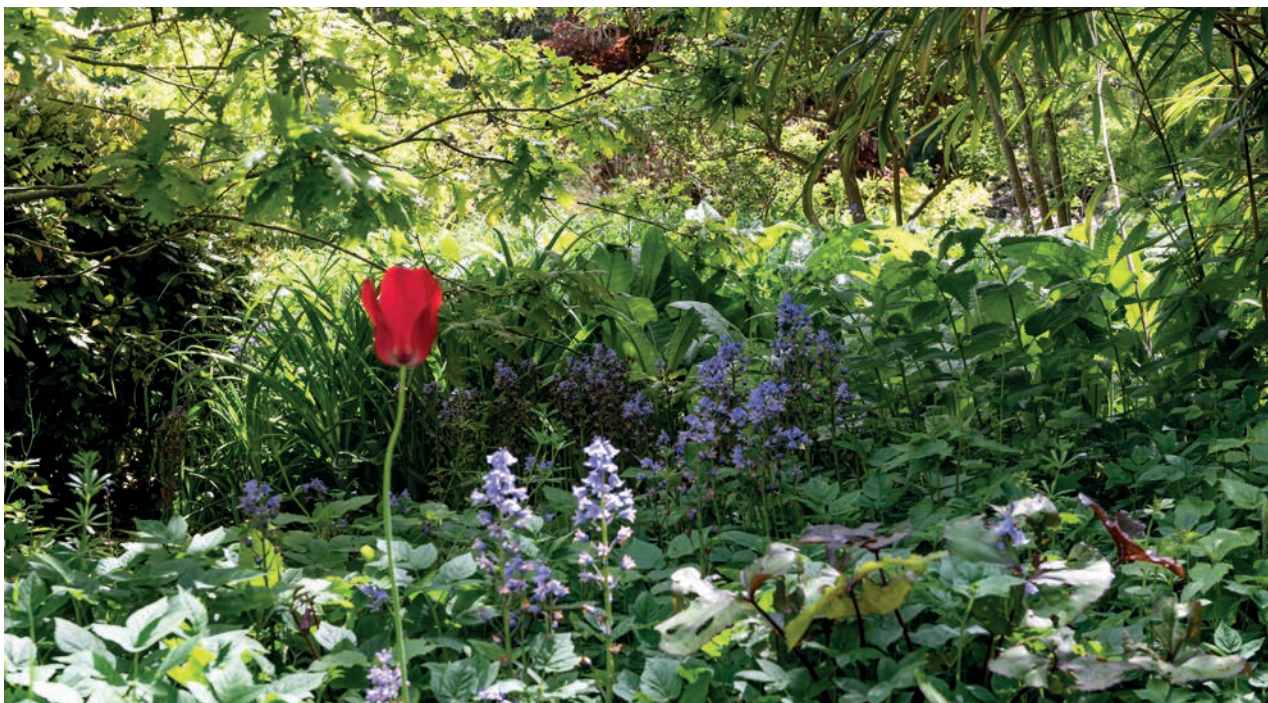
In response to the obituary of Michael Siggery in TW 2021, Oliver Jarratt (1991, Lit Hum) sent in the following reminiscence.

I am saddened to hear of the passing of Mick Siggery. Although I didn't realise it until years after I finished my degree, Mick was the person that I probably saw most of, day in, day out, during my time at St John's. As such, he provided me (and, no doubt, many of my peers who had left home for the first time) with an informal kind of pastoral care before such care was much of a 'thing'. He did this by listening tolerantly to the large quantities of rubbish that we habitually spouted or to our latest woes, and by feeding us up with toasties, baked potatoes, cheese and beans, the highly-regarded menu of staples that the bar offered. As your obituary alluded to, he also challenged us regularly through his own brand of gentle provocation, often through his favourite device, the long-running challenge or joke. In one case, I was the target. On one of my first visits to the bar as a Fresher in Michaelmas 1991, Mick and I were talking when he realised I lived only about 20 miles away, in Chipping Norton. With a mischievous smile he said, 'I go fishing round that way, young Oliver. Tell me where your parents live, and I'll pop some fish through their letterbox.' Mick knew full well that I didn't want my parents receiving a delivery of unwrapped fresh fish through their letterbox but, over the next three years, he would raise the question regularly, often at times when he thought he was most likely to catch me out. Despite this, I held out: the most information that I ever gave him was that they lived 'on

the road out towards Churchill'. So things stood when I started my fourth year, but I succumbed to a moment of carelessness. That term, my brother was starting as an undergraduate at Pembroke College so, to help him settle in, I suggested that he join me at St John's for a beer early one evening in Week 0. We arrived at 6 pm just as Mick was opening up, so the bar was empty apart from us. At 6:01, we had ordered two pints, and I excused myself for a brief visit to the toilet. I returned at 6:04 to hear Mick saying to my brother 'Ah, so your parents live just opposite the music shop. Yes, I know it – I go fishing round there.' He said nothing to me other than what I owed for the beer but could barely suppress a giggle as he handed me my change.

In later years, Mick stayed in touch with me, usually to send me newspaper cuttings relating to Tranmere Rovers, whom he always remembered I supported, or to exchange news. In his last letter to me, he enclosed a truly dreadful passport photo of me from the early 1990s that he had retained in what may be an archive of photos, given that this was inscribed and dated on the back. College alumni may wish to be wary of this archive should they become, or already be, famous. I shall always remember Mick with fondness and a smile – he was, to use the words of my late tutor Michael Comber, 'a proper person', and very few of us can truly say that. May he rest in peace.

ADAM MACPHERSON, 2nd Chef in the College kitchens, known as Mac, died in March 2022.



Stuart Bebb

Alumni

DR PETER FAN

Peter Fan was born in 1935 and came to St John's in 1954 to read Medicine. He died on 7 June 2022. We are grateful to his children, Annabel and Robert, for this appreciation.



Peter Fan, beloved husband of Frances and father to Robert and Annabel, died on June 7th at his home in New Jersey. He was 87. Dr Fan was born in Yangchow, China on February 28, 1935. He was educated in England and immigrated to the United States where he worked as a general surgeon at Hackensack University Medical Center in New Jersey for more than 35 years. He specialised in laparoscopic surgery, with sub-specialties in plastic surgery, burns, trauma, and proctology. He was also a patented inventor of surgical instruments.

As a young boy during the Japanese invasion of China, he travelled from Nanjing, Yangchow and Chongqing, nearly losing his life on several occasions before he was safely reunited with his family. Throughout his life he considered himself to be fortunate to have escaped and survived his calamitous journey through China. After his family was together again, his father was then sent by the Nationalist government to work at the Chinese Embassy in London. His family immigrated to the UK in 1948 and he spent his formative years in London. In 1952, his parents started the Chinese Church in London which to this day continues to flourish with multiple locations throughout London.

It was in London where Dr Fan received his secondary education. He accidentally met another Chinese student on Oxford Street in London, who suggested he apply to St John's College, Oxford. He was accepted and became the second Chinese student ever to study medicine at Oxford. Dr Fan became a Fellow of the Royal College of Surgeons of England.

He met and married his loving wife Frances in London. They were together for over 62 years. Their son Robert and daughter Annabel were both born in London. In 1969, the family immigrated to the U.S. and Dr Fan worked first as a surgical resident at Boston University Hospital. After one year, he transferred to Hackensack Hospital, and two

years later, upon completion of the residency, in 1972, he entered into private surgical practice for 35 years. As Hackensack Hospital grew into Hackensack University Medical Center, Dr Fan made use of his multiple skills acquired in England and in America. Because of the initial lack of sub-specialists in Hackensack, Dr Fan was obligated to participate in many sub-specialties, including multiple trauma, burns, facial injuries, hand surgery, minor plastic surgery, proctology, gynaecology, etc.

Dr Fan was an avid innovator and a tinkerer. On 26 March 1990, he performed the first laparoscopic gall bladder removal in New Jersey, which was published in the Bergen Record. He became a local leader in this new field, and subsequently became the Chief of the Laparoscopic Section. He invented and patented an instrument that replaced the expensive laser for this procedure. This instrument is still widely used today. He continued to invent new surgical instruments even in retirement and held a total of 10 patents. He was the initial driving force in establishing the Center for Advanced Laparoscopic Surgery in Hackensack. At the age of 67, he formed an advanced laparoscopic group specialising in laparoscopic obesity surgery, whilst he himself concentrated on laparoscopic hernia repairs. He was a kind, gentle and fearless surgeon, who always put patients first.

Dr Fan also served 10 years on the Board of Trustees of William Paterson University in Wayne, NJ. For this, he was awarded a Doctor of Science degree.

He was a life-long learner with a keen intellect. He had many hobbies, including keeping current with technology. In the early 70s, he learned to program and wrote his own software for a doctor's office. His other hobbies included Mahjong, ballroom dancing, filing patents, inventing surgical instruments, and arranging small group travels. Amongst his family and friends, Dr Fan was widely respected and beloved for his generosity, kindness and spirit. He took a vested interest in everyone and was intentional about sharing his wealth of knowledge with those around him.

He is survived by his beautiful and devoted wife Frances, his son Robert, an orthopaedic surgeon in Salem, Oregon, his daughter Annabel, a business executive in Manhattan, and six adoring grandchildren: Rachel, Katie, Peter, George, Audrey, and Josie.

Professor Jaideep J Pandit, Tutor in Medicine writes: 'We in the college medical community are so very sorry to learn of the passing of Dr Peter Fan. He was a great supporter and friend of Medicine in College – and he was always grateful for the kindness and support of his old tutor, Bob Torrance (Fellow 1946–1999); ...who also taught

me in the 1980s!). Peter once wrote to me to say that Bob taught him two things he would never forget: (1) 'Think, think, think', and (2) 'Be original'. It is clear that Peter adhered to both of these – and more – in his later career. Peter's generous gifts have enabled us to institute the Peter Fan (Senior) Scholarship, to recognise excellence in achievements of students, and also the Peter Fan Support Award, to support medical students undertaking additional relevant qualifications. The awards are now in their 10th year: generations of students have benefitted from this generosity, and will continue to benefit. This gift has been a real cement to strengthening the college medical community, for which we will remain ever grateful.'

DR JOHN BYRT

John Byrt was born in 1940 and came up to St John's in 1959 to read Music. He died on 15 January 2021. We are grateful to his friends and family for this appreciation.

Dr John Byrt died on 15 January 2021 at the age of 80. He was brought up in Bristol, and went to Clifton College before taking up an Organ Scholarship at St John's in 1959. After graduating with first class honours, he went on to complete a DPhil on the music of C.P.E. Bach in 1969, and stayed at St John's as a Junior Research Fellow.

During this time he conducted the Oxford University Opera Club and the University Orchestra. He also became involved with choirs, including the amateur Cumnor Choral Society, for whom he wrote his Christmas carol 'All and Some', published in 1963. In 1964 he took over as conductor of the Schola Cantorum from its founder, Laszlo Heltay. Under his direction they made the first ever recording of the medieval John Taverner's *Missa Corona Spinea*. Members of the choir under his direction included Dame Emma Kirkby, Dame Liz Forgan, and Andrew Parrott. John also started researching the use of *notes inegales* (unequal rhythms) in the sixteenth century and after. In 1968 he conducted Schola Cantorum in Handel's *Dixit Dominus* entirely *inegale*. A recording of this ground-breaking concert is in the British Library, and on his website.

Sadly, his career was then interrupted by illness. He was diagnosed with bipolar disorder and treated with such strong medication that he was unable to take up a position as coach at Glyndebourne. However, he did manage to conduct the early music ensemble *Musica Reservata*, which regularly performed in the Queen Elizabeth Hall and toured the USSR.

In about 1974 he settled in Tiverton, where he conducted the East Devon Choral Society in many concerts, including a performance of the Florentine Intermedii of 1589 with Emma Kirkby as soloist. He founded a small choir, The Lowman Singers, which reached the finals of the BBC *Let the People Sing*

competition. And he continued his research into *notes inegales*, contributing articles to specialist periodicals and completing his book *An Unequal Music* in 2016.

He is survived by his second wife, Celia, and two sons, Simon and Matthew, from his marriage to Linda Gosling.

DR RICHARD HILL

Dick was born on 27 December 1942 and came up to St John's in 1961 to read Physics. He died on 31 October 2021. We are grateful to his wife, Lyndel, for this appreciation.

After leaving St John's, Dick completed his doctoral research training in London. In the UK he played cricket and continued to do so after coming to Toronto in 1967. It's a gentleman's game – and he was a gentle man, but not tolerant of those showing unkindness or prejudice. Dick spent his career at The Princess Margaret Cancer Centre. He won international awards, and the Robert Noble prize, the highest recognition of excellence bestowed by the National Cancer Institute of Canada. His approach to research was of 'Team Science'. To improve the lives of patients, he believed that research should cross the divide between laboratory and clinic. He led highly effective teams of scientists and physicians to provide the scientific rationale for clinical trials and new cancer treatments. Dick was a wonderful teacher and mentor, with the ability to explain to students and senior colleagues alike the crux of a complicated scientific problem with gentle (and dry) humour. Many of Dick's students are now highly regarded in Canada and around the world. His passions and talents have been recognised by the establishment of the Dick Hill Mentorship Award at the Princess Margaret Cancer Centre, which is given annually to a faculty member who excels in nurturing the next generation of cancer researchers.

Dick, along with Dr Ian Tannock, edited *The Basic Science of Oncology* whose sixth edition was completed just prior to his death, and has been distributed in many languages across the world.

On the family front, Dick was devoted to his wife Lyndel, his sons Michael and Peter, his daughter Kirsty, and four grandchildren, Samuel, Alexis, Michaela, and Maxwell. Dick instilled a love of the outdoors and the family hiked and camped most summers, and all participated in sporting activities. In order to coach the children in ice hockey, Dick had to learn basic skating skills which the two boys quickly mastered, running rings around their father. Dick and Lyndel were also keen gardeners and transformed the common space around their houses and condos. Their neighbours have designated this garden as 'The Hill Garden' with a brass plaque that has Dick's iconic Tilley hat symbolised on it.

Dick was a cancer researcher, a leader, a teacher, a mentor, a family man, a gentleman, and a friend. We miss you.

PROFESSOR PETER MACKRIDGE

Peter was born in 1946 and came up to St John's in 1964 to read Modern Languages. He died on 16 June 2022. We are grateful to his friend, Artemis Gause (SJC 1986–89), for this appreciation.

It was on our first walk in Grandpont – the first of many – that Peter and I discovered, to our mutual amusement, that we'd both studied at St John's. Peter started academic life with a BA Honours Degree in Modern Languages, choosing French and Medieval and Modern Greek as his subjects. After graduating, he went on to prove that he fully deserved the First Class degree, with Distinction in spoken Greek, that he was awarded in 1968: he spoke and wrote modern Greek with ease and elegance and couldn't resist a pun – either in Greek or in English, for that matter.

Peter, an insatiable student of modern Greek literature, became a Lecturer in Modern Greek Language and Literature at King's College and at the School of Slavonic and East European Studies, London (1973–1980), a Lecturer (1981–1996), and finally a Professor (1996–2003) of Modern Greek at St Cross College, Oxford, where he was also appointed a Fellow. The enduring fascination Peter felt for his work is evident in the body of scholarship he published, both in English and in Greek, which earned him, apart from immense personal satisfaction and academic recognition, several distinctions, including an Honorary Doctorate from the University of Athens in 2008.

It was because of Peter's DPhil thesis on 'The development of the Greek novel, 1922–1940' (Queen's College, Oxford; awarded DPhil in 1973) that we'd eventually come to meet: his first serious research involved delving into the archive of seminal Greek author Yiorgos [George] Theotokas, which at the time was kept by Theotokas's widow, Coralia – my maternal aunt and godmother. Peter and Coralia shared a strong love of democracy, which was in extremely short supply during the Colonels' junta (1967–1974), and became friends. The then young scholar kept in touch with my parents after Coralia died (by her own hand, in 1976) and visited Greece (where I grew up) regularly with Jackie, his lovely life-companion. When I first met them both in Athens, long after the Colonels had been banished forever, we all clicked and when I moved back to England, a few years ago, the affinity grew into strong friendship.

Peter valued his friends immensely and took joy in friendship, which in turn made it a joy to be with him and Jackie; their many friends in England, Greece and around the world will no doubt agree. The couple have always been cosmopolitan in the true sense of the word – citizens of the world – which is partly why the honorary Greek citizenship that Peter was awarded at the Greek Ambassador's residence here in London on 23 March 2022, just a few days after what we all knew was going to

be his last birthday, meant the world to him. Being severed from the European Union by Brexit was a real blow to the outward-looking, staunch Remainer. The citizenship ceremony not only cemented his bond with Greece, but also restored that bond to the European Union.

The next, literally mortal, blow, was his cancer diagnosis, just before the first lockdown in England, in March 2020. There's never a good time to get cancer, but in this case the timing was rotten: the surge in COVID casualties threw the NHS into disarray; there were delays. There is no way of knowing whether critical windows of intervention were missed because of the COVID maelstrom. Either way, by the time he was able to have treatment, his cancer had already colonised his body and further treatment failed to uproot those colonies of mutant mutineering cells.

Although at times of grim distress it's easy to forget that the certainty of death doesn't, or at least shouldn't, stop us from loving life, for all its uncertainties, Peter didn't forget and neither did Jackie: whenever possible and allowed, they spent time with friends, they travelled, they savoured flavours, and experiences. Cancer is profoundly life-changing in grim, even when not outright fatal, ways. The small bunch of Peter's Greek colleagues who plotted – delightfully – to nominate him for honorary Greek citizenship made him a gift of an experience that, to him, was profoundly life-changing in the most positive and elating way. It was with tears of gratitude and, I suspect, regret, that Peter accepted the honour before the small crowd of friends, colleagues, and officials who'd gathered at the Greek Ambassador's residence on that balmy March evening, 89 days ago (at the time of writing): gratitude that his life-long bonds to Greece were finally recognised within his lifetime; regret that he had so little time left to relish being a Greek citizen. In his speech, which he delivered in Greek and standing up, despite his by then troubled breathing, Peter identified Greece as his second motherland, his 'δεύτερη πατρίδα'. It was that word, 'πατρίδα' (literally a 'fatherland', as the fastidious linguist in Peter would point out) that unleashed so much emotion during an inauguration that was also a farewell. Thankfully, a course of steroids enabled him to visit his second homeland in May and share a last holiday, on the Aegean island of Serifos, with Jackie. He was admitted to the Sobell House hospice, Oxford, just a couple of days after their return to England.

Peter detested cultural and political insularity as much as he detested deception, opportunism, pettiness. Affronts to democracy dismayed him and he cared deeply for our beleaguered planet. To me, he, together with Jackie, were a constant in a sometimes erratic world. I feel privileged to have known a man of such humanity and integrity and, like so many among his family, friends, and colleagues, will sorely miss his presence. Bon voyage, Peter. Or rather, καλοτάξειδος.

WILLIAM BAILEY

Bill Bailey was born in 1947 in St Alban's and grew up in Surrey. He came up to St John's in 1965 and read Modern History. Bill died in July 2021. We are grateful to John Plummer (SJC 1965–68) and Wendy, Bill's wife, for this appreciation.

Bill attended Whitgift School in Croydon (as did Wendy) where Bill's talents for acting emerged. This remained a lifelong passion, mainly with the Dulwich Players.

Bill relished the academic challenge of History at Oxford and entered wholeheartedly into college and university life. He rowed for the college, acted, developed an interest in architecture, began a long affiliation to the Labour Party, and made many enduring friendships. Bill was widely regarded as a generous, thoughtful, and supportive friend, colleague, and employer. He and John enjoyed ventures walking our hills, mountains, and coasts.

Bill always planned to be a lawyer but after St John's he headed for Perugia to learn Italian and delight in its cultural wonders. He returned to the College of Law in Lancaster Gate and joined a City Law Firm before switching to the Balham Law Centre. Wendy now reappeared, a medical student at Barts. With a friend, Bill set up a partnership practice in Greenwich, then establishing William Bailey law firm in Dulwich, which proved highly successful. Bill and Wendy married in 1978 and settled in Dulwich. They contributed much to their community, particularly St Barnabas Church, the Southwark Children's Foundation, and the Dulwich Players. They had three children, Andrew (1980), Peter (1983) and Rebecca (1987).

Tragically, both Andrew and Peter inherited a recessive genetic condition, Friedrich's Ataxia. Andrew passed away in 2017. Peter lives independently, with support, in Brighton. Bill and Wendy determined that the boys would lead full and active lives, despite increasing physical and emotional challenges, and that Beccy would be equally treasured. Wendy's health suffered over time and Bill was a rock for them all, unflappable and loving. They undertook many challenging journeys including America, Australia, Japan, Jamaica, and Costa Rica. All three children succeeded in graduating and Peter progressed to a PhD. Beccy has three children, Alfie, Jessica and Bella, the focus of much love and delight for Bill and Wendy.

Eight years ago Bill developed first indications of Myeloma. He responded well to treatment and enjoyed a wonderful three-year remission after a stem cell transplant, even performing with the Dulwich Players. Then the condition returned and this time there was to be no miracle. His inner strength was severely tested. Despite much pain and weakness Bill remained devoted to his family and was always concerned for others. He retained a keen intellectual curiosity and a lively sense of

humour. Bill was an inspiring friend and role model to many, a man of humility, unfailing courtesy, and a deep generosity of spirit.

DR COLIN WESTERN

Colin Western was born in 1957 and came up to St John's in 1975 to read Chemistry. He died on 21 September 2021. We are grateful to his friends, Professor Mike Ashfold FRS and Professor Andrew Orr-Ewing, for this appreciation.

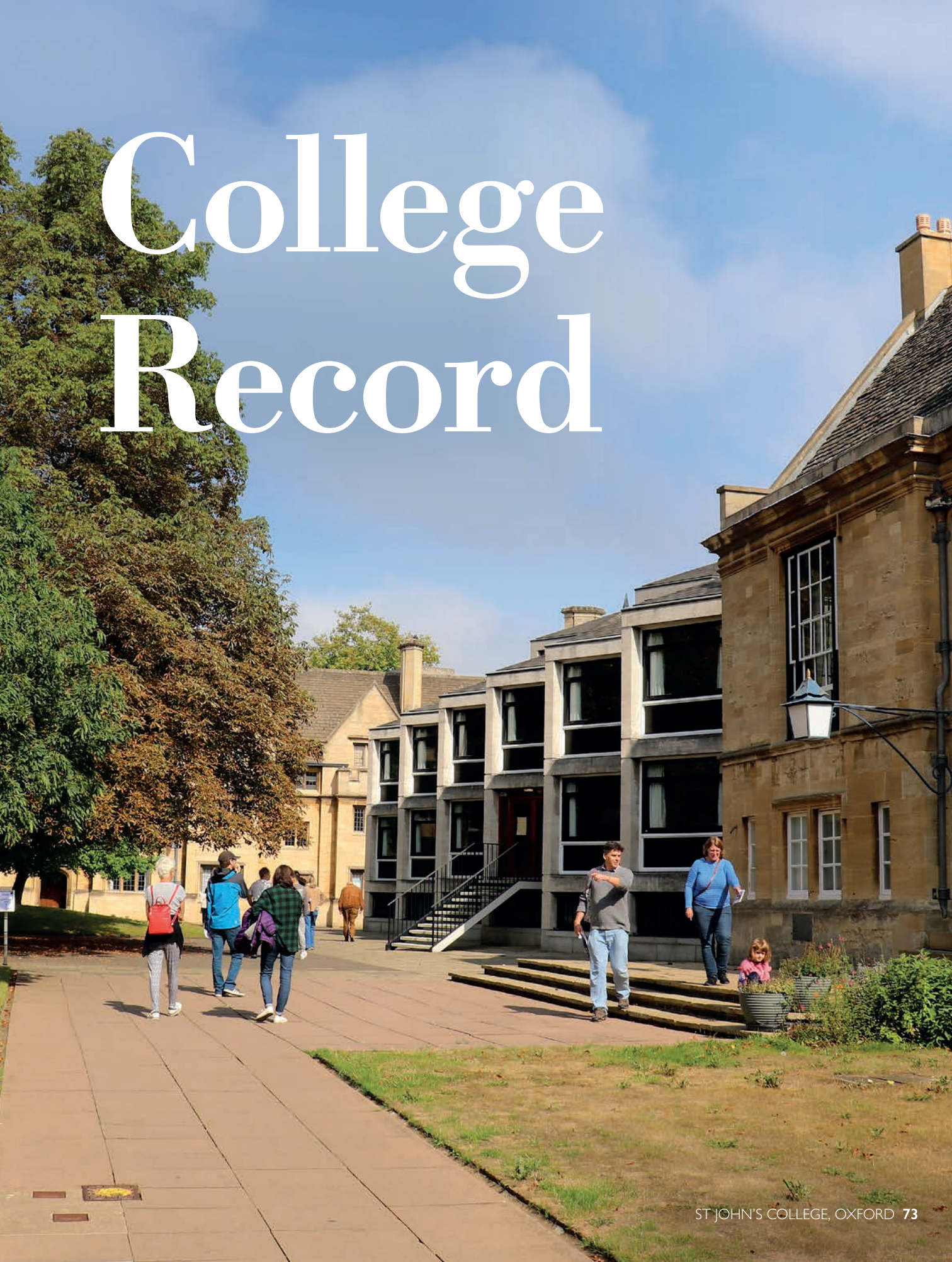
Colin Western was an undergraduate and postgraduate student at St John's College, gaining his doctorate in 1981 under the supervision of Professor Brian Howard. There followed a successful period of postdoctoral research with Professor Kenneth Janda at Caltech, after which he moved to work with Professor Richard Dixon FRS in the School of Chemistry at the University of Bristol. Winning a prestigious Royal Society University Research Fellowship enabled the launch of his independent career in Bristol, where he was appointed to a Lectureship, then promoted to Reader, and continued working until ill-health forced his early retirement in 2021.

Colin was admired internationally for his world-class research linking fundamental studies of molecular structure to the use of molecular spectroscopy to probe the complex chemistry prevailing in combustion, plasmas, planetary atmospheres, and interstellar space. The PGOPHER program he created is used by numerous groups worldwide, to analyse and interpret molecular spectra for objectives spanning all these fields.

Beyond research, Colin was equally dedicated to teaching and mentoring undergraduates. He served in many roles, but it was through his extraordinary IT skills that he made arguably his greatest contribution to the working life of the whole School. As part of the Bristol ChemLabS project to transform undergraduate practical teaching in Chemistry, Colin led the development of the Marks, Assessment and Feedback system and the platform for running the Dynamic Laboratory Manual. All Bristol Chemistry undergraduates benefit from the accessibility of these teaching resources, and the academic and professional services staff use them routinely for the administration and delivery of teaching. Colin received a University of Bristol Teaching Award in 2015 in recognition of these achievements.

Colin was a very popular colleague and greatly appreciated by students, who learned so much from him. His gentle manner, his extraordinary intellect, and his profound understanding of molecular spectroscopy made him someone to whom many turned for advice. His contributions to the School, the University of Bristol, and the wider research community over more than 30 years show exceptional dedication, and he will be greatly missed.

College Record



FIRST IN FINAL HONOUR SCHOOLS 2022

Molly Katherine Acheson, Archaeology and Anthropology
James Louis Albin, Theology and Religion
Talav Laher Bhimnathwala, History and Economics
Avi Lev Blumgart, Human Sciences
Tamara Bojanic, Physics (MPhys)
Patrick Borman, History
Bianca Dammholz, Jurisprudence
Marie Davidsen Buhl, Philosophy, Politics and Economics
Elliott Ross Cocker, Geography
Augustus Coningham, Classical Archeology and Ancient History
George Corby, Medical Sciences
Kate Eastwick-Jones, Medical Sciences
Nia Asha Evans, Molecular and Cellular Biochemistry (MBiochem)
Philip Anthony Fernandes, Biology (MBiol)
Alessandro Ross Giacometto, History and Modern Languages
Alice Martha Hackney, Fine Art
Jessica Halliday, History of Art
Lachlann Hinley, History
Ceri Hwi-Li Holloway, English Language and Literature
Daniel Hubbard, Ancient and Modern History
Anisha Kaur Jagdev-Harris, Classics and Modern Languages
Ben Jureidini, English Language and Literature
Michal Karlubik, Philosophy, Politics and Economics
Asta Lewis, Modern Languages and Linguistics
Clarissa Shu Wei Lim, Cell and Systems Biology
Bronwen Lloyd, Philosophy, Politics and Economics



Milo Mallaby, History
Elara Oakes, English Language and Literature
Grace Angharad Page, History of Art
Hari Harshul Patel, Chemistry (MChem)
Ivan Jim Paul, Medical Sciences
Isabel Pearse, Modern Languages
Freya Holly Peers, Medical Sciences
Natalie Katherine Perman, English and Modern Languages
Julia Ragus, Chemistry (MChem)
Edward Francis Cumine Russell, English Language and Literature
Junze Shi, Geography
Sevven Smith, Chemistry
Benedict Christian Stanley, Jurisprudence
Andrew Peter Tinkler, Chemistry (MChem)
Rhianna Lowri Watt, Experimental Psychology
Antoni Jan Wojcik, Physics (MPhys)
Yizhang Lou, Mathematics (MMath)
Wilfred George Beckwith Offord, Mathematics (MMath)
Tang Sui, Mathematics (MMath)
Kristiyan Vasilev, Mathematics (MMath)
Borislav Antov, Mathematics and Statistics (MMath)
Ilker Can Cicek, Mathematics and Computer Science (MMathCompSci)
Si Suo, Mathematics and Computer Science (MMathCompSci)
Ioan-Paul-Petru Tirlisan, Computer Science (MCompSci)

DISTINCTION IN PART C (MMATH)

Konstantin Garov, Mathematics and Computer Science (MMathCompSci)
Julian Gonzales, Mathematics (MMath)
Shaun Arnold Marshall, Mathematics and Computer Science (MMathCompSci)
Costin-Andrei Oncescu, Computer Science (MCompSci)
Tomasz Robert Ponitka, Mathematics and Computer Science (MMathCompSci)
Yiming Tang, Mathematics (MMath)
Keyi Zhang, Mathematics and Statistics (MMath)

DISTINCTION OR FIRST CLASS IN FIRST PUBLIC EXAMINATIONS 2022

M Ahsan Al Mahir, Mathematics & Computer Science
Adam Arnfield, Philosophy, Politics and Economics
Cosimo Asvisio, History
Max Booth, Mathematics
Benjamin Cave Calland, Chemistry
Malina Constantinescu, Physics
Sara Dragutinovic, Mathematics & Computer Science
Saifir Elliott-Goddard, Oriental Studies
Jacob Feldman, History & Economics
Sorcha Finan, Psychology, Philosophy and Linguistics
Suki Fogg, Biochemistry
Sarv Gersten, English
Guy Griffiths, Modern Languages
Ryan Heppell, Mathematics
Jacob Hill, Philosophy, Politics and Economics



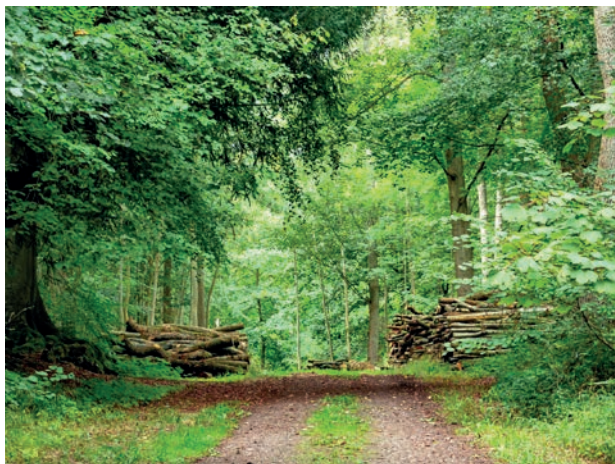
Alice Hill, Music
 James Hindle, Engineering Science
 Candice Holloway, Geography
 Nathaniel James, Engineering Science
 Yuchen Jiang, Biochemistry
 Kush Kale, Medical Sciences
 Susan Kellaway, Fine Art
 Wolfgang Kellerman, History
 Isabella Laxton, Human Sciences
 Jake Masters, Mathematics & Computer Science
 Georgi Nedyalkov, Chemistry
 Xingyu Nie, Mathematics
 Edward Patrick, Philosophy, Politics and Economics
 Ian Pebody, Engineering Science
 Catherine Pile, Philosophy, Politics and Economics
 Matthew Reynolds, Geography
 Emilia Rose-Fyne, History of Art
 Cleo Scott, History of Art
 Michael Sopp, Biomedical Sciences
 John Spence, Modern Languages
 Margarita Stefanova, Mathematics & Statistics
 Antonia Sundrup, Law with Law Studies in Europe
 Katherine Wang, Experimental Psychology
 Yu Xiao, Mathematics

UNDERGRADUATE SCHOLARS 2022/23

M Ahsan Al Mahir, Mathematics & Computer Science
 Boris Antov, Mathematics
 Adam Arnfield, Philosophy, Politics and Economics
 Cosimo Asvisio, History
 Xingjian Bai, Mathematics & Computer Science
 Matthew James Barrett, Philosophy, Politics and Economics
 Ciara Beale, English & Modern Languages
 Gideon Bernstein, Biology
 Emily Bicknell, Geography
 Itrisyia Binti Kamarul Baharin, Oriental Studies (Arabic & Islamic Studies)

Maya Blanco, Philosophy, Politics and Economics
 Giacomo Bognolo, Jurisprudence
 Isabella Boileau, History
 Allannah Jade Booth, Biochemistry
 Max Booth, Mathematics
 Benjamin Cave Calland, Chemistry
 Zeyu Chen, Chemistry
 Andrew Chen, Mathematics & Computer Science
 Ilker Can Cicek, Mathematics & Computer Science
 Malina Constantinescu, Physics
 Juan Davila Desmonts, Engineering Science
 Chloe Davis, Medical Sciences
 Scott DeGraw, Physics
 Alexandru Dobra, Physics
 Sara Dragutinovic, Mathematics & Computer Science
 Alfred Dry, Human Sciences
 Iain Duncan, Physics
 Flora Dyson, Music
 Saifir Elliott-Goddard, Oriental Studies
 Ozan Can Erder, Philosophy, Politics and Economics
 Lilia Evgeniou, Biochemistry
 Felix Farrell, Music
 Jacob Feldman, History & Economics
 Sorcha Finan, Psychology, Philosophy and Linguistics
 Suki Fogg, Biochemistry
 Alexander Foster, English
 Liam Fowler, Chemistry
 Damyan Frantzov, Chemistry
 Gregor Gajic, Physics
 Sarv Gersten, English
 Gessienne Grey, Philosophy, Politics and Economics
 Guy Griffiths, Modern Languages
 Samuel Gunatilleke, Physics
 Andrew Hangchi, Philosophy, Politics and Economics
 Peiyang He, Physics
 Simeon Hellsten, Mathematics
 Ryan Heppell, Mathematics

Eleanor Hetherton, Chemistry
 Jacob Hill, Philosophy, Politics and Economics
 Alice Hill, Music
 James Hindle, Engineering Science
 Ben Holdsworth, Biology
 Candice Holloway, Geography
 George Hosking, Geography
 Rachel Ing, Medical Sciences
 Gareth James, Oriental Studies (Chinese)
 Nathaniel James, Engineering Science
 Megan Jaschinski, Chemistry
 Yuchen Jiang, Biochemistry
 Kush Kale, Medical Sciences
 Susan Kellaway, Fine Art
 Wolfgang Kellerman, History
 Hannah Koch, Human Sciences
 Petar Langov, Mathematics
 Isabella Laxton, Human Sciences
 Joe Lee, Mathematics
 Ruining Li, Computer Science
 Tevz Lotric, Physics
 Yizhang Lou, Mathematics
 Adam Loweth, Physics
 Alexander Makaveev, Chemistry
 Tade Marozsak, Engineering Science
 Jake Masters, Mathematics & Computer Science
 Lily Middleton-Mansell, English
 Luke Moore, Biochemistry
 Fiona Neave, Geography
 Georgi Nedyalkov, Chemistry
 Xingyu Nie, Mathematics
 Sergiu-Ionut Novac, Mathematics
 Wilfred Offord, Mathematics
 Emily Oldridge, Classical Archeology & Ancient History
 Zhe Ren Ooi, Mathematics and Statistics
 Carys Owen, History of Art
 Edward Patrick, Philosophy, Politics and Economics
 Ian Pebody, Engineering Science
 Catherine Pile, Philosophy, Politics and Economics
 Rachel Pindar, Chemistry
 Felipe Pinto Coelho Nuti, Computer Science
 Ella Piron, Medical Sciences
 Patricia Preller, History and Politics
 Jack Rawson, Mathematics
 Cameron Renwick, Biochemistry
 Matthew Reynolds, Geography
 Nicolas Rix-Perez, Theology and Religion
 Emilia Rose-Fyne, History of Art
 George Russell, Biology
 Robert Sabovcik, Philosophy, Politics and Economics
 Shaina Sangha, History
 Cleo Scott, History of Art
 Joshua Sharkey, Physics
 Adam Sikorjak, Chemistry
 Yasmina Slaoui, Oriental Studies (Arabic and Islamic Studies)



Michael Sopp, Biomedical Sciences
 John Spence, Modern Languages
 Lochie Springett, English
 Xavier St John, Biochemistry
 Rachel Stacey, Modern Languages
 Margarita Stefanova, Mathematics & Statistics
 Tang Sui, Mathematics
 Antonia Sundrup, Law with Law Studies in Europe
 Si Suo, Mathematics & Computer Science
 Alexander Teeger, European and Middle Eastern Languages
 Charmian Thwaites, History
 Paul Tirlisan, Computer Science
 Jemma Tweedale, Biology
 Kristiyan Vasilev, Mathematics
 Katherine Wang, Experimental Psychology
 Ayla Webb, Biology
 Sophie Whitaker, Chemistry
 Ramarni Wilfred, PPL
 Yu Xiao, Mathematics
 Jun Jonathan Yang, Medical Sciences
 Ziyang Zhang, Mathematics
 Yasmin Ziv, Biology

UNIVERSITY PRIZES 2021/22

Benjamin Cave Calland, awarded Shimadzu 1st Year Prize for performance in Practical Chemistry in Preliminary Examination
 Ilker Cicek, awarded Junior Mathematical Prize for outstanding performance in mathematical papers in the FHS Part B Examination in Mathematics and Computer Science
 Lilia Evgeniou, awarded Gibbs Prize for best performance in FHS Part I Examination in Molecular and Cellular Biochemistry
 Damyan Frantzov, awarded 2nd place Chemistry Department prize for performance in Part 1A Examination
 Guy Griffiths, awarded Lidl Prize for best performance in German papers in the Preliminary Examination in Medieval and Modern Languages.
 Asta Lewis, awarded the Lidl Prize for best performance in German for best submitted work in Medieval and Modern Languages FHS Paper XII and Paper XIV

James Morgan, awarded Chemistry Department Book Prize as most improved candidate between Prelims and Part 1A examinations

Sergiu Novak, awarded the Gibbs prize for his performance in the FHS Mathematics Part A

Georgi Nedjalkov, awarded 3rd place Chemistry Department prize for performance in Preliminary Examination

Alexander Norris, awarded a Charles Oldham Scholarship for travel during Long Vac 2022

Wilfred Offord, awarded the Gibbs prize for his performance in the FHS Mathematics Part B

Zhe Ren Ooi, awarded the Department of Statistics Prize for his performance in the FHS Mathematics and Statistics Part A

Jeongwon Ryu, awarded Herbert Hart Prize for best performance in the Jurisprudence and Political Theory paper.

Adam Sikorjak, awarded Turbutt Prize in Practical Organic Chemistry 2021/22 for his performance in 2nd year organic chemistry practical course

John Spence, awarded Andrew Colin Prize for best performance in Russian B in the Preliminary Examination in Medieval and Modern Languages

Benedict Stanley, awarded White & Case Prize for best performance in the Comparative Private Law paper.

Ana Stuhec, runner-up for Inorganic Chemistry Part II prize from the Chemistry Department for performance in Part II Examination

COLLEGE PRIZES 2021/22

Isidor Acton, awarded Hanlon Prize

Maya Blanco, awarded Hans Michael Caspari UN Travel Grant
Liam Fowler and Damyan Frantzov, jointly awarded Christopher Coley Prize

Damyan Frantzov, awarded Dr Raymond Lloyd Williams Prize (Chemistry)

Erika Cristina Vega Gonzalez and Minying Huang, jointly awarded Mapleton-Bree Prize

Gregory Howgego and Liam Peck, jointly awarded Burke Knapp Travel Scholarship

Daniel Hubbard, awarded Ancient History Prize, **Gus Coningham**, awarded *proxime accessit*

Luke Moore, awarded Dr Raymond Lloyd Williams Prize (Biochemistry)

Grace O'Duffy, awarded runner-up Mapleton-Bree Prize

Ishta Sharma, awarded DL Davies Bursary

CHORAL SCHOLARS 2021/22

Isabella Boileau

Katie Croft

Laura Casale

Ozan Erder

Jonathan Hampshire

Rachel Ing

IOAN AND ROSEMARY JAMES UNDERGRADUATE SCHOLARS 2021/22

Ilker Can Ciek, Mathematics and Computer Science (2019/20)

Zhe Ren Ooi, Mathematics and Statistics (2020/21)

Ziyang Zhang, Mathematics (2020/21)

Juanru Zhao, Mathematics (2020/21)

Sara Dragutinovic, Mathematics and Computer Science (2021/22)

Atharva Parulekar, Mathematics (2022/23)

GRADUATE DEGREES CONFERRED 2021/22

Doctor of Philosophy

Casey Adam, Systems Biology

Melis Anatürk, Psychiatry

Brook Andrew, Fine Art

Noam Angrist, Public Policy

Pratinav Anil, Oriental Studies

Mohamad Ansari, Engineering Science

Gwen Antell, Earth Sciences

Myrto Aspioti, Medieval & Modern Languages

Akanksha Awal, Anthropology

Eleanor Baker, English

Jamie Beaton, Public Policy

Sarah Bourke, Anthropology

Sumner Braund, History

Andrew Bunting, Astrophysics

Joshua Calder-Travis, Experimental Psychology

Krzysztof Ciosmak, Mathematics

Louis Claxton, Environmental Research



The Works Bursar, Principal Bursar and Bursary Manager celebrating the reopening of the Lamb & Flag



Alexander Coccia, Politics
 Helio Cuve, Experimental Psychology
 Nina De Kreij, Classical Languages & Literature
 Dritero Demjaha, Theology
 Ria Dinsdale, Pharmacology
 Noemi Dreksler, Experimental Psychology
 Christopher D'Urso, Public Policy
 Sebastian East, Engineering Science
 Lucy Field, Medical Sciences
 Ruth Fong, Engineering Science
 Guy Fowler, Mathematics
 Laura Garmendia Sanchez, Physiology, Anatomy & Genetics
 Samuel Garratt, Theoretical Physics
 Domenico Giordani, Classical Languages & Literature
 Zack Grant, Politics
 Janine Gray, Clinical Medicine
 Yanjun Guo, Physical & Theoretical Chemistry
 Adrian Haxell, Atomic and Laser Physics
 Soufiane Hayou, Statistics
 Rose Hodgson, Clinical Medicine
 Emma Howard, Geography & the Environment
 Henry Howard-Jenkins, Engineering Science
 Mikayla Hunter, English
 Sa'eed Husaini, International Development
 Pablo Infante Amate, Music
 Aleksandar Ivanov, Physiology, Anatomy & Genetics
 Plamen Ivanov, Theoretical Physics
 Myfanwy James, International Development

Helene Jessula Wczesniak, Medieval & Modern Languages
 Helena Karlsson, Zoology
 Jack Kemp, Theoretical Physics
 Irsyad Khairil Anuar, Biochemistry
 Un Sung Kwak, Theology And Religion
 Henrique Laitenberger, History
 Asher Leeks, Zoology
 Mika Lehtimäki, Law
 Christina Levick, Clinical Medicine
 Qian Ma, Archaeological Science
 Rosemary McMahon, Music
 Eleanor Milnes-Smith, Physical & Theoretical Chemistry
 Alexandra Panman, International Development
 Ellis Parry, Engineering Science
 Jan Paszkiewicz, Particle Physics
 Matishalin Patel, Zoology
 Catherine Paverd, Engineering Science
 Miriam Pfister, Experimental Psychology
 Alexander Picksley, Particle Physics
 Victoria Pike, Zoology
 Donovan Platt, Mathematics
 Tomos Potter, Zoology
 Kare Poulsgaard, Anthropology
 Adam Prosinski, Partial Differential Equations: Analysis & Applications
 Namratha Rao, English
 Max Rothwell, Clinical Neurosciences
 John Ruckelshaus IV, Politics
 Hannah Schneider, Music
 Rhian Scott, Geography & the Environment
 Kum Foong Larissa See, Organic Chemistry
 Qiujie Shi, Geography & the Environment
 Rachel Sim, Chemical Biology
 Barbara Emanuella Souza, Engineering Science
 Emily Spearing-Ewyn, Inorganic Chemistry
 Jan Steinebrunner, Mathematics
 Alex Suherman, Physical & Theoretical Chemistry
 Osman Tack, Organic Chemistry
 Jacob Taylor, Anthropology
 Benjamin Thorne, Astrophysics
 Lei Wan, Inorganic Chemistry
 Alice Watson, Geography & the Environment
 Johannes Wiesel, Mathematics
 Alexander Wilson, Experimental Psychology
 Audrey Winkelsas, Biomedical Sciences
 Alexander Wulfers, History
 Sebastien Wylie, Engineering Science
 Ruochen Xie, Physical & Theoretical Chemistry
 Minjun Yang, Physical & Theoretical Chemistry
 Klemen Ziberna, Cardiovascular Medicine
 Aleksandra Ziolkowska, Theoretical Physics

Master of Science

Saraswat Bhattacharyya, Mathematical & Theoretical Physics
 Ruby-Anne Birin, Archaeological Science

Oliver Bredemeyer, Neuroscience
 Deekirikewage Dona Dayathilake, Environmental Change & Management
 Tara Diviney, Neuroscience
 Lucille Duquenoy, Neuroscience
 Gemma Gothard, Neuroscience
 Benjamin Liow, Applied Linguistics & Second Language Acquisition
 Bardia Monavari, Environmental Change & Management
 Mateusz Parafinski, Computer Science
 Jakub Perlin, Computer Science
 Joanna Rankin, Applied Linguistics & Language Teaching
 William Roth, Mathematical & Theoretical Physics
 Cara Shearer, Neuroscience
 Jennifer Silver, Social Anthropology
 Björn Vahsen, Neuroscience
 Theresa Wildegger, Experimental Psychology
 Wonsuk Yang, Mathematical Sciences

Master of Philosophy

Ebenezer Azamati, International Relations
 Hazim Hardeman, History
 Thamara Jean, Politics
 Alexis Kallen, Development Studies
 Carla Schröder, Economics
 Rayan Semery-Palumbo, Politics
 Liana Wang, Politics

Master of Studies

Serena Alagappan, World Literatures in English
 Sofia Blanchard, Archaeology
 Mary Curwen, Greek & Roman History
 Jack Gill, Film Aesthetics
 Lindsay Glick, English & American Studies
 Daniel Haywood, English
 Leo Kadokura, World Literatures in English
 Ella Marshall-Shepherd, Music
 Tobias Paterson, Global & Imperial History
 Oscar Plomer-Roberts, History of Art and Visual Culture
 Matthew Prudham, Greek & Latin Languages & Literature
 Clemente Recabarren, Law

Gabrielle Russo, Comparative Literature & Critical Translation
 Antonia Tremmel-Scheinost, Music
 Yijia Tu, Music
 Niamh Twyford, History of Art & Visual Culture

Master of Business Administration

Jonathen Arul
 Mohak Dhingra
 Anirudh Garg
 David Graham
 Malea Schulte
 Jiaxian Shi

Master of Public Policy

Ben Luria

Master of Research

Homero Barrocas Soares Esmeraldo, Physiology, Anatomy and Genetics
 Joseph Bartram, Zoology
 Ngai Lam Chung, Biochemistry

Bachelor of Civil Law

Aliya Al-Yassin
 Jonas Atmaz Al-Sibaie
 Charles Connor
 Marius Gass
 Tatiana Kurschner
 Firdaus Mohandas
 Jeongwon Ryu

Bachelor of Medicine and Bachelor of Surgery

Suzana Anjum
 Isobel Argles
 Celine Brendler-Spaeth
 Callum Harries
 Gregory Howgego
 Jessica Larwood
 Liam Peck
 Thomas Ritter
 Yusra Shammoun
 Ishta Sharma

NAMED AWARD SCHOLARS 2020/21

Angela Fu Scholar

Yundi Li, Music

Nicholas Bratt Scholar

Guokin Liu, Engineering

Elizabeth Fallaize Scholar

Lynn Nguyen, Medieval and Modern Languages

Drue Heinz Scholar

Rebecca Bradburn, English

Beeston Scholars

Annabel Hancock, History

Zaki Rehman, History



Dr Yungtai Hsu

Yuxin Guo, Water Science, Policy and Management

Ioan and Rosemary James Graduate Scholars

Solomon Alder, Fine Art (joint with Clarendon Scholarship)

Simone Hu, Mathematics

Rosemary Huck, Geography (joint with Clarendon Scholarship)

Yuze Jin, Mathematics

Hsuan-Hsien Lee, Mathematics

Utkarsh Saxena, Public Policy (joint with Clarendon Scholarship)

Michal Szachniewicz, Mathematics

Michael Pragnall Scholar

Roberto Interdonato, Medieval and Modern Languages

Robert Oxlade Scholar

Aida Seyedsalehi, Psychiatry (joint with Clarendon Scholarship)

North Senior scholar

Claire Keene, Clinical Medicine

Michael Nastac, Physics

Tim Pilkington, Law

Kendrew Scholar (all joint with Clarendon Scholarship)

Tesfahivet Abraha, Earth Sciences

Nishant Chauhan, Earth Sciences

Guneet Dhillon, Statistics

Sally Galal, Women's Reproductive Health

Claire Keene, Clinical Medicine

Ainura Moldokmatova, Clinical Medicine

Lester B Pearson Scholar

Katherine Saverd, Astrophysics (joint with Clarendon Scholarship)

St John's Alumni Fund Scholars

Sakina Amin, Biochemistry (joint with Clarendon)

Rachael Chan, Geography and the Environment (joint with ESRC)

Yi-Ting Chang, Geography and the Environment (joint with Clarendon)

Natasha Durie, Anthropology (joint with ESRC)

Isaac Ellmen, Sustainable Application to Biomedical Sciences (joint with EPSRC)

Gustavo Fernandes Pedroso, Oriental Studies (joint with AHRC)

Gabriel Flath, Statistics (joint with EPSRC)

Natasha Gasparian, Fine Art (joint with AHRC)

James Glover, Philosophy (joint with AHRC)

Helena Harpham, Molecular Cell Biology in Health and Disease (joint with MRC)

Genevieve Hayes, Engineering Science (joint with Clarendon Scholarship)

Denis Lan, Experimental Psychology (joint with Clarendon Scholarship)

Amy McCall, Psychiatry (joint with MRC)

Martin Mosny, Theoretical Physics (joint with EPSRC)

Michael Nastac, Physics (joint with Clarendon Scholarship)

Archana Ramesh, Clinical Neurosciences (joint with Clarendon Scholarship)

Jamie Sandall, Geography and the Environment (joint with ESRC)

Michael Scott, Archaeological Science (joint with Clarendon Scholarship)

Rayan Semery-Palumbo, Public Policy (joint with Clarendon Scholarship)

Xingchen Wan, Engineering Science (joint with Clarendon Scholarship)

Qiming Yuan, Experimental Psychology (joint with Clarendon)

UKRI Partnership Scholarships

William Blythe, Oriental Studies (joint with AHRC)

Isabel Brooks, Clinical Medicine (joint with MRC)

Rachael Chan, Geography and the Environment (joint with ESRC)

Chinedu Chukwudinma, Geography and the Environment (joint with ESRC)

Katie Croft, Medical Sciences (joint with MRC)

Sparshita Dey, Particle Physics (joint with EPSRC)

Natasha Durie, Anthropology (joint with ESRC)

Isaac Ellmen, Sustainable Approaches to Biomedical Science (joint with EPSRC)

Andrea Estandia, Environmental Research (joint with EPSRC)

Gustavo Fernandes Pedroso, Oriental Studies (joint with AHRC)

Gabriel Flath, Statistics (joint with EPSRC)

Natasha Gasparian, Fine Art (joint with AHRC)

Peter George, History (joint with AHRC)

James Glover, Philosophy (joint with AHRC)

Annabel Hancock, History (joint with AHRC)

Helena Harpham, Molecular Cell Biology in Health and Disease (joint with MRC)

Abigail Hayton, Theology and Religion (joint with AHRC)

Muhammed Hoque Miah, Theology and Religion (joint with AHRC)

Sebastian Kopp, Inorganic Chemistry (joint with EPSRC)

Adrian Martini, Statistics (joint with MPLS)

Amy McCall, Psychiatry (joint with MRC)

Sylvia McKelvie, Geography and the Environment (joint with ESRC)

Judit Molnár, Anthropology (joint with ESRC)

Martin Mosny, Theoretical Physics (joint with EPSRC)

Tom Mulder, Environmental Research (joint with MPLS)

Eduard Oravkin, Statistics, (joint with EPSRC)

Gabriele Paone, Anthropology (joint with ESRC)

George Pickering, History (joint with ESRC)

Joseph Pollacco, Interdisciplinary Bioscience (joint with EPSRC)

Richard Rehman, History (joint with AHRC)

Jamie Sandall, Geography and the Environment (joint with ESRC)

Leora Sevi, Experimental Psychology (joint with MRC)

Black Academic Futures scholar

Chinedu Chukwudinma, Geography and the Environment

Daniel Slifkin Scholar

Anna Kretowicz, Bachelor of Civil Law



SENIOR MEMBERS 2022/23

Members of Governing Body

Susan Margaret Black, Baroness Black of Strome, (BSc, PhD Aberdeen), DBE OBE BSc PhD FRSE FBA FRAI FRSB ChFA, Visiting Professor of Forensic Anatomy, DPAG, President

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 Fellow for Early Career Researchers

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

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

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

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

Kate Anne Nation, MA, (BSc, PhD York), FAcSS, Tutor in Psychology and Professor of Experimental Psychology, Steward of High Table, Steward of Common Room and Vice-President Academic

Philip Kumar Maini, MA, DPhil, FRS, Professorial Fellow in Mathematical Biology

Carolyne Ann Larrington, MA, DPhil, Tutor in English, Professor of Medieval European Literature

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

Heather Bouman, MA, (BSc Guelph, MSc, PhD Dalhousie), Supernumerary Fellow and Associate Professor in Biogeochemistry, Keeper of Bagley Wood and Vice-President Domus

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

Andrei Starinets, (CandSci, Dipl Moscow, PhD New York), Tutor and Professor of 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 Professor of Animal Behaviour, Senior Dean

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

Mohamed-Salah Omri, (Maîtrise Tunis, MA, PhD St Louis, Missouri), Tutor in Arabic Language and Literature, Professor of Arabic and Comparative Literature, Fellow Librarian, Keeper of the Archives

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

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

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

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 Professor of Law and Constitutional Government, Statutes Officer and Information Reviewer

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

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

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 California, San Diego), Tutor and Associate Professor in Ethnomusicology, Music and Visual Arts Officer

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

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

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

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 Klink, (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 Professor of Mathematics and Theoretical Physics, Fellow for Research

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

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

Rebecca Slater, MA, (BSc, MSc, PhD London), ARSM, Professorial Fellow in Paediatric Neuroimaging

Robert Crow, MA, Director of Development and Alumni Relations

Stuart Andrew White, (BA Cantab., PhD Edinburgh), Tutor and Professor of Mathematics, Sports Officer

Emma Marie Greensmith, (MA, MPhil, PhD Cantab.), Tutor and Associate Professor in Classical Languages and Literature, Dean of Degrees

Ben McFarlane, MA, BCL, Professorial Fellow in English Law

Elizabeth Wonnacott, (MA Edinburgh, PhD Rochester NY), Associate Professor in Applied Linguistics

Matthew Charles Nicholls, MA, MPhil, DPhil, SFHEA, Senior Tutor

Nicholas Kenneth Jones, (BA, MA Leeds, PhD London), Tutor and Associate Professor in Philosophy

Zoe Julie Clare Hancock, MA, ACA, Principal Bursar

Sandra Campbell, (BSc Edin, MSc, PhD Dundee), Tutor in Physiology, Fellow for Access and Admissions

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

Brenda Elaine Stevenson, (BA Virginia, MA, PhD Yale), Professorial Fellow and Hillary Rodham Clinton Professor of Women's History

Ketan Jayakrishna Patel, FRS FMedSci MRCP, (MBBS London, PhD Cantab.), Director of MRC Weatherall Institute of Molecular Medicine and Fellow for Ethnic Minorities

Robert Hoye, MA (BE Auckland, PhD Cantab.), Tutor and Associate Professor in Chemistry

Laurence Tudor Hunt, MSc, DPhil (MA Cantab.), Tutor and Associate Professor in Psychology

Ranjit Lall, BA (MA, PhD Harvard), Tutor and Associate Professor in Politics

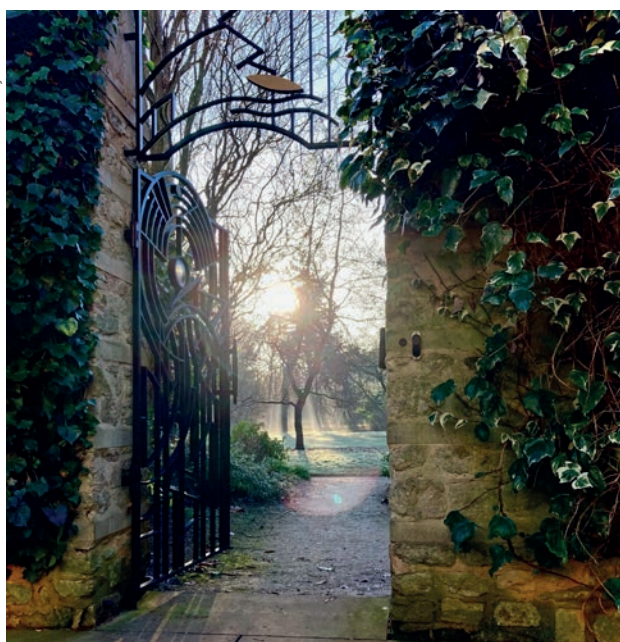
Supernumerary Fellows

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

Elizabeth Clare Macfarlane, MA, DPhil, Chaplain, Fellow for Welfare

Jo Boronaki





The Rt Hon Lord Drayson of Kensington, PC, (BSci, PhD Aston), FEng
Karthik Ramanna, (PhD MIT), Professor of Business and Public Policy
James Alexander Maynard, DPhil, (BA, MMath Cantab.), Professor of Number Theory, Mathematical Institute
Walter Mattli, MA, (BA University of Geneva, MA New York, PhD Chicago)
Georg Viehhauser, (PhD Vienna), Physics
Jessica Omukuti, (BSc Nairobi, MSc Sussex, PhD Reading), Net Zero Fellow
Lucy Foulkes, (PhD London), Youth Mental Health Research Fellow (from 1/1/23)

Supernumerary Teaching Fellows

Jenny Claire Jones Richards, BA, DPhil (MRes London), Geography
Jordan Stanley English, BCL (LLB, BCom, Queensland), Law
Jane Ivy Coons, (BA, State University of New York at Geneseo, MSc, PhD, North Carolina State University), Mathematics
Alice Roullière, (BA, MA Paris Sorbonne and ENS Ulm, PhD Cantab.), Medieval and Modern Languages, French
Craig MacLean, (BSc McGill, PhD McGill), Biology

Emeritus Research Fellows

Fraser Andrew Armstrong, MA (BSc, PhD Leeds) FRS, formerly Tutor in Inorganic Chemistry
Charles James Keith Batty, MA, MSc, DPhil, formerly Tutor in Mathematics
Julia Margaret Bray, MA, DPhil, formerly Abdulaziz Saud AlBabtain Laudian Professor of Arabic

Ronald Lee Bush, CBE, MA, (BA Pennsylvania, BA Cantab., PhD Princeton), formerly Professorial Fellow and Drue Heinz Professor of American Literature
Elizabeth Dorothea Harriet Carmichael, MBE, MA, DPhil, BM, BCh, (MRCS Eng, LRCP London), formerly Tutor in Theology
Paul Philip Craig, Hon KC, MA, BCL, FBA, formerly Professorial Fellow in English Law
Malcolm Davies, MA, DPhil, formerly Tutor in Classics
George William John Fleet, MA, DPhil, formerly Tutor in Chemistry
Alan Grafen, MA, MPhil, DPhil, FRS, formerly Tutor in Quantitative Biology
Peter Stephen Michael Hacker, MA, DPhil, formerly Tutor in Philosophy
Sir John Anderson Kay, MA, (MA Edin), FBA, formerly Supernumerary Fellow in Economics
John Stephen Kelly, MA, DPhil, (MA Dublin), formerly Tutor in English
Thomas Stainforth Kemp, MA, DPhil, formerly Tutor in Zoology
Dominic Peter Kwiatkowski, MA (MB, BS London), FRCP, FRCPCH, FMedSci, FRS, formerly Professorial Fellow in Genomics and Global Health
John Langton, (MA Cantab., BA, PhD Wales), formerly Tutor in Geography
Linda Margaret McDowell, CBE, (BA Cantab., MPhil, PhD London), DLitt, FBA, formerly Professorial Fellow in Human Geography
Ross Ian McKibbin, MA, DPhil, (MA Sydney), FBA, formerly Tutor in History
Robin Clayton Ostle, MA, DPhil, formerly Tutor in Modern Arabic
Andrew John Parker, (MA, PhD, ScD Cantab.), FSB, formerly Tutor in Physiology
John Charles George Pitcher, MA, DPhil, FEA, formerly Tutor in English
Margaret Jean Snowling, CBE (BSc Brist, PhD UCL), FAcSS, FBA, FMedSci, formerly President
David Robert Stirzaker, MA, DPhil, formerly Tutor in Mathematics
Kenneth Paul Tod, MA, DPhil, formerly Tutor in Mathematics
Malcolm Graham Allen Vale, MA, DPhil, FRHistS, formerly Tutor in History

Research Fellows

Heather Harrington, (BS Amherst, PhD Imperial), Professor of Mathematics, Research Fellow in the Sciences and Mathematics, Biology
Sarah Greer, (MA Auckland, PhD St Andrews), Leverhulme Early Career Fellow, Medieval History
Akanksha Awal, DPhil (BEng LondonMet, MSc London), Leverhulme Early Career Fellow, Anthropology
Teresa Rachel May Witcombe, BA (MA Paris IV and EHESS, PhD Exeter), Leverhulme Early Career Fellow, History
Alexander Weide, (BA Marburg, MSc, PhD Tuebingen), Leverhulme Early Career Fellow, Archaeology
Seunghoon Chae, BA, MPhil, DPhil, Leverhulme Early Career Fellow, Politics



Junior Research Fellows

Jennifer Johnson, MSt, DPhil, (BA Cantab.), History of Art, Assistant Dean of Degrees
Guy Cooper, (BSc Sewanee: University of the South, MSc Lausanne), Zoology
Marco Cappelletti, MJur, DPhil (Laurea Magistrale Perugia, LLM Harvard), Law
Emilija Talijan, (MPhil, PhD Cantab.), Modern Languages
Emily Alexandra Katzenstein, MPhil (BA London, MA, PhD Chicago), Politics
Justine Laura Potts, MA, MSt, DPhil, Woodhouse Junior Research Fellow in Classics, Assistant Dean of Degrees
Zhenyu Cai, DPhil (BA, MSc Cantab.), Physics
Isabella Eileen Maudlin, (BSc, PhD Edinburgh, MPhil Cantab.), Biochemistry
Josef Boronski, (MChem York, PhD Manchester), Chemistry
Chao He, DPhil (MEng Tsinghua, MRes London), Engineering Science
Laura Flannigan, (BA, MA York, PhD Cantab.), History
Dylan Andrew Charles Gaffney, (BA, MA Otago), Anthropology
Auguste Vadisiute, DPhil (BSc LUHS, MSc VU), Physiology and Medicine
Daniel Baiding Zhang, (BA, MMath, PhD Cantab.), Mathematics
Priya Urs, (PhD UCL, LLM Cantab.), Law
Alexandra Simone Grieve, (BA University of Cape Town, MPhil, PhD Cantab.), Modern Languages

St John's Research Associate

Samuel Derbyshire, MSt, DPhil, (BA UCL), Archaeology
Oliver Padget, DPhil, (BSc Nottingham), Biology
Matthew Charles Ford, BA, (MSc London)

Lecturers

William Ludwig Allen, MPhil, DPhil (BA Alma), Politics
Christoph Bachhuber, DPhil, (MA Texas), Archaeology
Laurence John Belcher, (BSc, MRes Exeter, PhD Bath), Biology
Ben Bollig, (BA Nottingham, MA, PhD London), Spanish
Nadine Isabelle Buchmann, (MA Geneva), German Lektorin
Aled Davies, MSc, DPhil (BA Exeter), History
Susan Michelle Doran, BA (PhD London) History

Marion Durand, (BA Cantab., PhD Toronto), Ancient Philosophy
Marie Elven, (DEA Paris III), French Language
Lydia Gilday, MChem, DPhil, Chemistry
Patrick Gill-Tiney, BA, (MSc London, MA Maryland), Politics
Francesco Giusti, (BA, MA LAquila, PhD SUM – Florence), Italian
Paul Griffiths, (BSc, PhD Liverpool), Quantitative Methods and Statistics
Natalia Gromak, (BSc Belorussian State, BSc Edin, PhD Cantab.), Biochemistry
Anna Hoerder-Suabedissen, DPhil, MSc (BSc Lancaster), Neuroscience
Matthew Hosty, MSt, DPhil, Classics
Sanjay Jain, (BA Delhi, MA Johns Hopkins, PhD Princeton), Economics
Claudia Kaiser, (MA Erlangen-Nuremberg, Dipl Bamberg), German Language
Tamar Koplatadze, DPhil (BA Bristol, MA London), Modern Languages
David Colin Lee, (MA Nottingham, PhD Bristol), Philosophy
Louise Nelstrop, (BD AKC, PGCE, MA Bristol, PhD Birmingham), Theology
Marc Olivier, (BA Tours, MSc, PhD Ulster), Linguistics
Luisa Matilda Ostacchini, MSt, DPhil (BA Warwick), English Literature
Alison Pollard, MA, MSt, DPhil, Classical Archaeology
Alice Bethany Rose Raw, MSt, DPhil, History
Devinderjit Sivia, (BA, DPhil Cantab.), Mathematics for the Sciences
Nathan Paul Spiller, MEng, Engineering Science
Ana Maria Stoienescu, (MA Paris Nanterre), French Lectrice
Reinier van Straten, MSt, DPhil, German
Alan Strathern, DPhil, (MA London), History
Stephen David Watkins, (BA Southampton, MA York, PhD Southampton), FHEA, English
Rohan Wijesurendra, DPhil, MRCP, (MB, BChir, MA Cantab.), Clinical Medicine
Samuel Wolfe, (MPhil, PhD Cantab.), Linguistics
Justin Conrad Rosen Wormald, MRCS PGDip (MBBS, MRes, UEA), Plastic and Reconstructive Surgery

Emeritus Fellows

Sir Royston Miles Goode, CBE, KC, 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
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 Sibthorpe 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

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

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

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

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

Honorary Fellows

Sir Keith Vivian Thomas, CH, 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

John Carey, MA, DPhil, FRSL, FBA, formerly Lambe 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

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

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, DCL, 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

Ulick 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

Sir 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), Director of the CIA; formerly graduate student; formerly US Ambassador to Jordan, US Ambassador to Russia; formerly US Under Secretary for Political Affairs and Deputy Secretary of State; formerly 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

Dame 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, OBE, MA, DPhil, FRS, 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, KC, PC, BA, formerly Commoner; Lord Justice of Appeal

Rt Hon Sir Nicholas Hamblen, KC, PC, BA, (LLM Harvard Law School); formerly Scholar; Lord Justice of Appeal; Justice of the Supreme Court of the United Kingdom

Sir Robert Devereux, KCB, BA, (MA Edin), formerly Commoner, formerly Permanent Secretary for the Department of Work and Pensions

Sir Nigel Carrington, formerly 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

Lionel Tarassenko, CBE, MA, DPhil, CEng, FIET, FMedSci, FEng, FIEE, formerly Professorial Fellow in Electrical and Electronic Engineering; founding President, Reuben College

Jane Lucy Lightfoot, MA, DPhil, FBA, Professor of Greek Literature and Charlton Fellow and Tutor in Classics, New College

Catherine Rowena Mallyon, CBE, MA, Executive Director, Royal Shakespeare Company

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

Myles Robert Allen, DPhil, FInstP, Professor of Geosystem Science, Fellow of Linacre College

Alexander Bird, MA (PhD Cantab.), Bertrand Russell Professor of Philosophy, Cambridge University

Christopher Joseph Schofield, FRS, FRSC; DPhil (BSc Manchester), Head of Organic Chemistry, Oxford University

Khoo Boon Hui, MA, Légion d'honneur, Ordre national du Mérite; formerly Police Commissioner, Singapore (1997–2010) and President of INTERPOL (2008–12)

Peter Sayer Phillips, MA, former Organ Scholar; Bodley Fellow, Merton College; founder of The Tallis Scholars

Sarah-Jayne Blakemore, BA (PhD London), FBA, FRSB, Professor of Psychology and Cognitive Neuroscience at the University of Cambridge and Co-Director of the Wellcome Trust PhD programme in Neuroscience at University College London

Elleke Deirdre Boehmer, FRSL, FRHistS, MPhil, DPhil (BA Rhodes), Professor of World Literature in English, Oxford University
Sir John Oliver Frank Kingman, KCB, BA, FRS, Chairman, Legal & General Group

Sir Michael Graham Jacobs, KCB, BA (MB BS, PhD London), MRCP, FRCP, FRCPEd, formerly Consultant in Infectious Diseases, Royal Free London NHS Foundation Trust, Warden of Keble College

David Andrew Flood, BA (PGCE Cantab.), formerly Organist and Master of the Choristers, Canterbury Cathedral

Pratap Bhanu Mehta, BA (PhD Princeton), FBA, formerly Vice-Chancellor of Ashoka University, and President, Center for Policy Research, Delhi, Laurence Rockefeller Visiting Professor for Distinguished Teaching at Princeton University



News of Alumni

The College thanks alumni who have supported College committees and activity over the past year:

Committee for the Promotion of the Arts: Dr Alex Connock (1984, PPE)

Development and Alumni Relations Committee: Hannah Gilbert (1993, Arabic), Dr Nigel Meir (1975, Medicine), Bernard Taylor CBE (1975, Chemistry)

Development Board (pictured above): Chair: Bernard Taylor CBE (1975, Chemistry), Dr Genevieve Davies (1994, MPhil Modern Languages), Tom Ewing (1995, PPE), Edward Hocknell (1980, Classics), Dr Yungtai Hsu (1971, BLitt History), Michael McDonough (1994, Visiting Student Programme), Dr Nigel Meir (1975, Medicine)

Finance Committee: Sir Robert Devereux KBC (1975, Mathematics), Tom Hill (1980, Physics)

Investment Advisory Group (IAG): Chair: Michael McIntock (1980, History and Economics), Nick Bratt (1967, PPE), Cressida Hogg CBE (1987, PPE), Neil Matheson (1976, PPE), Peter Wilson (1985, MEng Engineering, Economics and Management)

Oxford North: Dr Isobel Pinder (1980, Literae Humaniores), Bernard Taylor CBE (1975, Chemistry)

Remuneration Committee: Chair: Sir Nigel Carrington (1975, Jurisprudence), Alison Lakey (1998, Human Sciences), William Mackesy (1978, Jurisprudence)

Research Committee: Professor Sir John Darwin CBE (1966, History), Professor Andrew Harrison OBE (1978, Chemistry), Professor Jane Lightfoot (1988, Literae Humaniores)

Sustainability Work Group: Chair: Briony Fitzsimons (2001, Biological Sciences)

Women's Network Steering Group: Chair: Hannah Gilbert (1993, Arabic), Jennifer Armstrong (2004, PPE), Alex Bollen (1991, History), Joanne Harrison Goss (1981, Modern Languages), Dr Jessica Kindler (2001, DPhil English), Dr Kate Molesworth (1985, MSc Biological Anthropology), Tabassum Rasheed (2008, PPE), Rose Sundt (2015, Oriental Studies)



1958

Professor Sir Brian Harrison recently celebrated the publication of the festschrift of his research. St John's was well represented among the contributors to the party held in the Oxford University Press fairway on 16 June 2022 to celebrate. Two St John's people were present in the photograph taken of the ten festschrift contributors who could attend; the remaining two were David Cannadine (Senior Scholar, 1972–5), who had to be in the USA on that day, and Alex May (1972–5), who was needed at the AGM of Round Table, the journal of which he's been secretary since 1997. Alex had the two St John's contributors present (Keith Thomas and Ross McKibbin) as College tutors. Brian too had Keith as College tutor, together with Howard Colvin and Michael Hurst. The photographer was Nick Read, who combines his expertise with working in Corpus Christi lodge. He has a way with him, so it was he as much as anyone who ensured that the contributors looked so happy.

The OUP gave us all a generous tea and allowed us to use its fine fairway as our meeting-place. All three of the festschrift's editors – Bruce Kinzer, Molly Kramer and Rick Trainor – studied with Brian as graduate students. The festschrift (*Reform and its Complexities in Modern Britain*) includes some of the diverse topics in modern British history that reflect Brian's research interests: from Martin Ceadel's long perspective on UK pressure groups to Bruce Kinzer's 'John Stuart Mill and Protestant Nonconformity'; from Alvin Jackson on Welsh nationalism to Molly Kramer on the animal protection movement in 1950–75; from Duncan Sutherland on women in the House of Lords to Ross on juvenile delinquency; from David on the Oxford Dictionary of National Biography to Alex on UK footballers' transformed late-twentieth century pay structure; and from Jo Innes on Victorian surveyors to Rick Trainor on Oxford university reform in the 1840s and Lawrence Goldman on trade unions and social class in the 1880s.

To crown it all, the St John's staff arranged for the contributors and their spouses a splendid dinner on a lovely sunny evening in St Giles House, a wonderful venue where the festive mood was much prolonged.

1961

Brian Swale wrote a review in the *New Zealand Journal of Forestry* on *Domestication of Radiata Pine*, a major book on an important forestry subject co-authored by **Dr Rowland Burdon** (1960, Agricultural and Forest Sciences).

1963

The Reverend Barry Entwisle presided over an unusual funeral interment in May of this year.

A gold miner's remains from the Otago Gold Rush days of the 1860's was unearthed near Cromwell, New Zealand, during the construction of the Clyde Dam hydro-electric scheme in the 1980s, when Barry was the local Anglican vicar.

The miner's remains (including his well-preserved boots) were taken to Otago University Anatomy Department for examination, but attempts to identify him were not possible. He was one of the thousands who came to Central Otago in the 1860s Gold Rush. He drowned in the swift running Clutha River, but there was no evidence that he had had a proper burial. As far as could be discovered, it would appear that he was of European descent. There was evidence that he was not very well nourished at the time of his death, and that he had scurvy. His boots were interred with him.

His remains sat for nearly 40 years in the Anatomy department at Otago University until a plan was made to re-inter them in the Cromwell cemetery as a representative of all the gold miners from those days who have no final resting place. Many participants wore Victorian costumes in keeping with the occasion.

I was privileged to be able to do the last things for him, using the Book of Common Prayer (1662) burial service that he would have been familiar with.

1964

Professor Peter Mackridg was awarded honorary Greek citizenship for his services to Greek studies.

Michael Pye's recent book *Antwerp: The Glory Years* was published to great critical acclaim – including appearing as BBC Radio 4's Book of the Week in November 2021.

Stop Press: At the Gaudy dinner for those matriculating in 1962–65, a notable artefact from the North Quad was presented to the President, Maggie Snowling, having been missing, coincidentally, for 56 years. This was none other



than the original gold hour hand from the North Quad clock, located over the tunnel between Chapel and Hall.

The President acknowledged the restoration of this SJC memorabilium and assured the messenger that due to a statute of limitation no charges would be brought.

1965

Dr Edwin Oxlade came to St John's in 1965 and very quickly met Diana Champ, a fellow student at St Hilda's. On the 11th of September this year they are celebrating their golden wedding anniversary with a big party in Belfast.

1966

David McDowall's fourth edition of his book *A Modern History of the Kurds* was published in April 2021.

The Reverend Canon Dr John Twisleton published three books: *Pointers to Heaven* (2020), *Fifty Walks from Haywards Heath – A handbook for seeking space in Mid Sussex* (2020) and *Elucidations – Light on Christian Controversies* (2021).

1967

Andy Stelman runs a food bank in the little Shropshire town of Bishop's Castle (registered charity: 1190595). The rising cost of food and the exponential increase in customers (a 72% rise in the last 12 months) means the food bank needs more funds! So any alumnus so inclined can write a cheque (remember those?) made out to the Bishop's Castle Community Food Bank and send it to Andy at: White Roses, Bishop's Castle, Shropshire, SY9 5JG.

1968

Professor Simon Watts published an engineering book: L. Rosenberg and S. Watts, *Radar Sea Clutter, Modelling and target detection* (SciTech/IET, 2021).

1969

Jeremy Butterfield's edit of the classic bible of English style, *Fowler's Modern English Usage*, is in its fourth edition and continues to sell well, now in its ninth reprinting.

Dr Stephen Postle retired on 1 January 2022. Formerly Vice-President of R&D, regulatory affairs and intellectual property at IGM Resins. Last paper: *3-Ketoquinolones as new photoinitiators for free radical photopolymerization under LED* published in the *Journal of Polymer Chemistry* in volume 18 (2022). Now happily basking in the Floridian climate. Kudos and thanks to George Fleet for nurturing Stephen's nascent love of organic chemistry!

1972

Giles Dawson continues to teach Classics part-time at two maintained schools in south Oxfordshire. As a singing actor, he took a solo role in a new musical *Streetwise*, premiered at Swindon Arts Centre in October 2021. In 2020 he edited a commemorative booklet for the conductor Laszlo Heltay (1930–2019), founder of Schola Cantorum of Oxford, the proceeds of which were donated to Help Musicians UK in Heltay's memory.

1973

Graham Downing was recently appointed President, World Forum on Shooting Activities and appointed Steward to the Court of Assistants, Worshipful Company of Gunmakers of the City of London.

1974

Stephen Barber is completing a history of the Pictet Group, where he was an equity partner until March 2020. He continues to chair the Prix Pictet, a leading global photography prize with the subject of sustainability.



Rt Hon Alistair Burt returned to College in Michaelmas Term 2021 and spoke to graduate students about the Middle East, to undergraduates about a life in politics and to Fellows ‘in conversation’ with Professor Mohamed-Salah Omri about a range of topics, beginning with democracy.

1975

Dr Philip Ward has published two books this year: *Laura Nyro: On Track* (Sonicbond) and *Instead of a Critic: Essays Written and Unwritten* (Minos).

1977

Professor David Edgerton was elected to the British Academy in the Modern History section.

Robert Gibson’s book *Bridge the Culture Gaps: A toolkit for effective collaboration in the diverse, global workplace* (Nicholas Brealey, 2021) was published.

1978

Professor Jeremy Black’s updated version of his book *The World of James Bond: The Lives and Times of 007* (Rowman and Littlefield, 2021) was recently published. In addition to this he has given interviews to the New Culture Forum, where he assessed James Bond in terms of the greatly changing world order of the Bond Years. His review of *No Time To Die* was published in *The Critic*.

1979

Claire Kitay (Hobbs) recently moved from Cambridge to Bristol. This was a return to a city much loved many

years ago. Claire is now doing plenty of freelance organ recital work, teaching the piano and organ, writing for the *Organist’s Review* and examining for the ABRSM. She also continues to practise and supervise as an HCPC registered music therapist and remains keen to find ways to write and work in combining all the interests. Claire recently enjoyed revisiting Oxford with a younger child, now a student – a great pleasure.

1982

Lucy Baxandall is a hand papermaking tutor at West Dean College of Arts and Conservation and Morley College in London. Her studio and shop, *Tidekettle Paper*, are in Berwick-upon-Tweed, visitors are always welcome. Her instructional book for new papermakers, *Papermaking*, was published in January 2022 by the Crowood Press.

Dr Gary Watson is retired and living in Bromley (SE London). Anybody from the old days who would like to meet up for a drink or a lunch is very welcome to get in touch.

1983

Joseph Maloney is still alive. He wilfully persists in never having done anything remotely worthy of recording in these pages, but has recently concluded a 33-year career in Higher Education and Local Government administration. (‘Νοξ Μελαίνα!’)

1985

Douglas Carpenter has been appointed Ambassador of the European Union to the Central African Republic and the Economic Community of Central African States, taking up duty in September 2021.

1986

James Fraser appeared with his team of sacred music lovers, the Polyhymnians, on the BBC 2 quiz show *Only Connect* in the 2020–21 series. The show is notable for its association with St John’s alumni, through its host, Victoria Coren-Mitchell (1991, English Language and Literature), and question editor, Jack Waley-Cohen (1998, Experimental Psychology). James – and the other Polyhymnians – will be making a return appearance in this year’s Christmas special.

Sarah Huston (Lee) received an MA with distinction, *Poetics of Imagination*, studying at Dartington Arts School in Devon (degree awarded by Plymouth University). She was awarded the Gaston Bachelard Scholarship to study

at Dartington full time. The multidisciplinary course was 50/50 literary study and original creative practice. The subject was mythology and oral story, and the shift from oral to written forms, with a strong environmental focus.

1987

Ginny McCloy, after a 30-year career at Shell (spending time working in London and Singapore, mainly in their Trading division), elected to 'retire' from the company at the end of November 2021. At present she is enjoying being a lady of leisure and taking at least a gap year that she didn't take 30+ years ago! In the meantime, she has some time and space to consider new opportunities.

Professor David Willis has been elected a Fellow of the British Academy in the 2022 round of elections.

1989

Reverend Dr Yih-Miin (Min-Min) Peaker (née Teh) was ordained a deacon in the Church of England at St Albans Cathedral on 2 July 2022, serving as assistant curate at Clapham Parish Church, Bedfordshire.

1990

James Stewart took part in two of the series of Shakespeare's first folio on Zoom through *The Show Must Go Online*, the brainchild of Rob Myles. The whole series can be found in perpetuity on his YouTube – a fascinating resource for Shax scholars! The shows were *Henry VI part 1* and *Richard II*. This summer Edinburgh Fringe was BACK! And James landed playing both kings in a comedy noir version of *The Winter's Tale for Shakespeare For Breakfast*. His commute was hardly arduous, living as he does on the World's End crossroads of the Royal Mile.

1997

The Reverend Sarah-Jane King is delighted to share the news that she was ordained priest in the Church of England on 2 July 2022. Friends of Sarah-Jane may recall that it was at St John's that she was baptised and confirmed in 2000, in the College Chapel. Following a second degree in Theology at KU Leuven, she trained for ordination at St Mellitus College, London, on the MA in Christian Leadership programme. She is serving her curacy at St Martha and St Mary's, Leuven, which is in the Diocese in Europe and part of the University Chaplaincy of the KU Leuven. Sarah-Jane continues to work in the European Commission, where she currently serves in President Ursula von der Leyen's briefing team. She and Rutger celebrated 17 years of marriage this year, and they are grateful parents to two lively sons aged 11 and 12.

2002

Professor Lizzie Macaulay's new book *Antiquity in Gotham: The Ancient Architecture of New York City* was published by Fordham in 2021.

2004

Dr Edmund Dickinson is pleased to advise that the volume *Nanoscale Electrochemistry*, edited by Andy Wain (1999, Chemistry) and Edmund Dickinson (2004, Chemistry), has been published in Elsevier's Frontiers of Nanoscience series.

The volume gives a critical summary of the dramatic advances occurring during the last decade in the field of electrochemistry of nanoscale systems, and comprises 10 chapters written by international experts in fundamentals of the field, novel techniques, and applications. The development of nanoelectrochemical biosensors, advances in single-molecule electrochemistry, and the rapidly maturing field of electrochemistry on 2D materials (such as graphene) are among the topics addressed. Chapters were also included on the use of nanomaterials in electrochemical catalysis and energy storage devices, supporting carbon-neutral energy technologies (batteries, fuel cells, etc.) with emerging global significance. Another chapter is devoted to the field of nanoparticle impact electrochemistry, a relatively new technique whose development has been pioneered by the research group of Prof Richard Compton (Fellow). Prof Compton taught both editors physical chemistry at St John's College and later acted as their DPhil supervisor in the Department of Chemistry; moreover he had a significant role in shaping their scientific interests and attitude to scientific communication as reflected in this volume.

By chance, the initial commissioning editor for the volume at Elsevier was **Simon Holt** (2004, Modern History & Politics); both editors were delighted to find themselves working with a fellow alumnus and friend on the project!

2008

Dr Niina Tamura is delighted to inform you about her recent publication, the book *Teaching Self-Compassion to Teens* published by Guilford Press in April 2022. The book offers guidance for anyone working with adolescents and young adults, including undergraduates, and includes materials on mindfulness, self-compassion, and emotional resilience.

2010

Ed Love has published two books. The first, *Script Switching in Roman Egypt: Case Studies in Script Conventions, Domains, Shift and Obsolescence from*

Hieroglyphic, Hieratic, Demotic, and Old Coptic Manuscripts. From a consideration of how the reading brain learns and deciphers those different writing systems and to how their script communities shifted between and abandoned them, this volume provides the first comprehensive treatment of why, after some 3,000 years, the scripts of the Egyptian writing system fell out of use and were forgotten.

The second, *Traditions in Transmission: The Medical and Magical Texts of a Fourth-Century Greek and Coptic Codex*. In that codex, traditional Egyptian religion and ritual interact with medical practices of Hellenic culture, while the archaic, even poetic, language of some of the Coptic invocations featuring the Egyptian gods Amun and Thoth share pages with an incantation constructed from the verses of Homer.

2011

Shyam Thakerar co-authored a book *Cyber Risks and Insurance: The Legal Principles* which was recently published by Bloomsbury Professional.

2014

Jack Segal is releasing a new self produced single *M1* under the name *Bee-Sides* on the 5th of August 2022. Plans of a follow up EP are in the works for later this year.

2016

John Ruckelshaus won the Nicholas Berggruen Prize for best doctoral dissertation in Philosophy, Law and Politics at the University of Oxford 2022.

2017

Dr Pratinav Anil published *India's First Dictatorship* (Oxford University Press, 2021) with the nervous expectation of a second.





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