# THE ROBINSON COLLEGE RECORD

The Annual Journal of the Robinson College Alumni Association (Pegasus) No. 38



Michaelmas 2022

# ROBINSON COLLEGE ALUMNI ASSOCIATION (PEGASUS)

All those who graduate from Robinson are automatically members of the Robinson College Alumni Association (Pegasus). When College was founded the name given to the Alumni Association was 'The Pegasus Society' and all students had to pay to fund its activities. Membership is now free and automatic, but the earlier funds accrued are now held in trust and are used to subsidise alumni events. Robinson College Alumni Association (RCAA) has an elected Committee of Alumni and College Fellows (and contacts with RCSA, MCR and Alumni Representatives) which develops ideas for alumni networking and events in conjunction with the Development Office. RCAA events are open to all graduates of any matriculation year and subject. There is an Alumni Forum and other alumni events are also possible, including regional gettogethers in various locations (these have been in London, Manchester, Edinburgh, Bristol and Cyprus). These events complement those hosted by the College: the Annual Reception for all alumni in London in July and the Reunion Weekends with dinner held each year in September and March for particular year groups.

Details of accommodation, dining, news, events and booking are found on the College Alumni website pages: http://www.robinson.cam.ac.uk/alumni.

The Reunions are free to Alumni whose reunion year it is that year (but a friend or partner from a non-reunion year must have a guest ticket purchased).

Alumni who have taken an MA or higher degree, or those who have taken another Master's degree (e.g., LLM, MPhil), may take 3 free Formal Hall meals a year, provided they have completed ten terms since they matriculated and book in advance. This does not include any wines served at High Table. Other former students may take three meals a year at their own expense. These may be taken at High Table and the SCR may be used before and after the meal.

Alumni benefit from discounted room rates if they wish to stay overnight in the College when visiting Cambridge and may book a guest room, if one is available, on a first-come, first-served basis. During term time, there is limited availability, and no guest room may be firmly booked more than one week before it is required, nor booked for more than three days in any one term. Former students are also very welcome to dine in the Garden Restaurant at prevailing prices. Non-resident graduates may not use College facilities other than the Garden Restaurant, College Bar and dining facilities without the express permission of the Bursar.

# Robinson College Alumni Association (Pegasus) Committee Members 2021-2022:

SCR Representative: MCR Representatives: JCR Representative: Deputy President Sarah Westwood (acting) Saul Nassé Steve Jeffels Rev Dr Simon Perry Charles Richards Zhuan Faraj Rosalyn Old Rahul Mansigani Dr Mary Stewart MCR President RCSA President Sarah Westwood, Director of Development

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# FOREWORD

#### by the Warden

Welcome to this edition of the Record, recording news and events from the academic year 2021-2022. This was the first year of my Wardenship. It was a great pleasure to see, for the first time, the shape of a Cambridge year unfolding, from matriculation to Bridgemas, and from Lent bumps to May week. It was also a privilege to get to know our wonderful College staff, who look after us with such commitment and keep us safe.

Our undergraduate and postgraduate students studied and researched with commitment and success. As you will read in this edition, they enthusiastically found their voices elsewhere as well. Our choir triumphantly returned from a Covid-imposed silence. Our students staged concerts, plays and informal recitals. They played every kind of sport, from Ultimate Frisbee to football. They published a poetry and visual arts magazine. They revived the photography darkroom on K staircase, and the Maria Björnson open-air theatre at 2 Adams Road. They brought back the Robinson May Ball.

Let me record some changes in the Fellowship. At the start of the year, we said farewell to Dr Zhi Chen, Dr Lucia Rubinelli, and Dr Holly Hedgeland (who crossed Herschel Road to become Senior Tutor at Clare Hall). We welcomed Dr Rhiannon McGlade, Dr Daniel Knorr, Dr Caterina Milo and Dr Adam Woodhouse into the Fellowship; after 12 months, Rhiannon moved on to take a well-deserved permanent position at Strathclyde. Later in the year, we were joined by Dr Iza Kavedžija, Dr Chris Truscott, Dr Christopher de Saxe and Dr James Massey. Dr Ben Guy secured a lectureship at Cardiff following the end of his Research Fellowship at Robinson.

The Fellowship, as ever, achieved distinction in and beyond Cambridge. Some of their appointments and achievements are listed immediately after this Foreword.

During the year, a group of College officers and I spent time listening and talking to members of the Robinson community – past and present students, staff and Fellows. We asked them what Robinson meant to them and what, for them, captured the spirit and ambition of the College. We found a large measure of agreement. Robinson people talked proudly of a place that was less stuffy than elsewhere, less snobbish, more down-to-earth, more inclusive, friendlier. Those qualities make Robinson a College which can, credibly and visibly, offer accessible academic opportunities to all. The same qualities also seem to encourage creativity, innovation and learning. Many remarked on how the College has fostered enterprise and entrepreneurship, in which so many of our alumni have made a mark. Our respondents often referred to Robinson's magnificent gardens as one of the secrets of Cambridge, hidden behind the austere walls on Grange Road. They observed a strong association between those gardens and modern ideas of sustainability and wellbeing. Many thought that Robinson should be better known. These conversations are proving valuable as we

plan for our half-century, start to raise Robinson's profile, and set a strategic direction for the College.

Finally, I should like to mention very briefly an important milestone which took place after the end of the year under review. In November 2022 our main College building, by Glasgow modernists Isi Metzstein and Andy McMillan, was placed on the national register of listed buildings, at Grade II\*. The listing carries with it a degree of responsibility, and indeed a likely cost burden. But we are delighted by the recognition. We are proud to be taking our place officially in Cambridge's historic landscape, and we are determined to update our listed building – both sustainably, and to a standard that is worthy of the architects' ambition and vision.

## Sir Richard Heaton KCB

The Warden

Fellowship Awards and Distinctions:

Our current and past Deputy Wardens both received advanced grants from the European Research Council. **Professor Anuj Dawar** received an advanced grant for his work on impossibility. The grant will fund five years of research aimed at helping develop mathematical proofs that for certain types of notoriously complex problems, no efficient way exists to solve them through computation. **Professor Melinda Duer** was awarded an advanced grant for her EXTREME project to explore the chemistry that happens when a biological tissue stretches or breaks. So-called mechano-chemistry leads to molecules being generated within the tissue that may be involved in communicating tissue damage to cells. Detecting and understanding this chemistry is highly relevant for understanding ageing, and for developing new therapeutics for degenerative diseases and cancer.

**Dr Nikhil Krishnan** was awarded one of this year's Pilkington Awards for Excellence in Teaching.

**Dr Ben Guy** was one of six academics and researchers to receive a medal from the Learned Society of Wales. The Dillwyn Medal (Humanities & Creative Arts) are awarded in recognition of early career research excellence and celebrate the achievements of the individuals honoured and the strength of Wales' academic culture, from its universities to its schools. Ben's research explores the written culture of medieval Wales. Ben writes: "I hope that I can inspire others to seek a deeper understanding of this beautiful yet complex land."

**Professor Rachel Oliver** was elected a Fellow of the Royal Academy of Engineering, a top-level community of businesspeople, entrepreneurs, innovators and academics.

**Professor Carlos Caldas** was again chosen to receive one of this year's two Brinker Awards for Scientific Distinction, being honoured in particular for his significant contributions in the field of breast cancer genomics.

**Dr Elaine Freer** was appointed by the Lord Chancellor to be a non-judicial member of the Sentencing Council for England and Wales. The Council is at arm's length from government, and promotes consistency and transparency in sentencing.

**Dr Bartomeu Monserrat** won the prestigious James Clerk Maxwell Medal and Prize from the Institute of Physics. The award is made annually for outstanding early-career contributions to theoretical physics.

**Professor Joanna Page** was appointed Director of the Centre for Research in the Arts, Social Sciences and Humanities (from 2022/23).

**Dr Duncan Astle** was appointed Gnodde Goldman Sachs Professor of Neuroinformatics (from 2022/23).

Professor Sam Lieu, Bye-Fellow, was elected a Fellow of the British Academy.

The following became University Professors:

Alex Copley (Professor of Tectonics)
Amy Erickson (Professor of Feminist History)
David Fairen-Jimenez (Professor of Molecular Engineering)
Imre Galambos (Professor of Chinese)
Ying Jin (Professor of Architecture and Urbanism)
Gabi Kaminski-Schierle (Professor of Molecular Neuroscience)
Athina Markaki (Professor of Materials and Biomedical Engineering)
Joanna Page (Professor of Latin American Literature and Visual Culture)
Paul Schofield (Professor of Biomedical Informatics)
Julie Smith (Professor of European Politics)

# NOTE FROM THE CO-EDITORS

As restrictions throughout the College, due to Covid, have at last come to an end, we are now able to report on all aspects of life in Robinson. Taking over as editors from Dr Simon Perry, we are very grateful to him for his years of sterling work on the Record. We look forward to the task and hope we can accomplish it as well as he did. Nor is he the only person responsible for its successful production: the Development Office team, especially Norbert Truszczynski, put hours of effort behind almost every page. Thanks to all.

**Dr Brian McCabe** *Emeritus Fellow* 

**Dr Judith Weiss** *Emeritus Fellow* 

# **PART I: REVIEW OF THE YEAR**

# **COLLEGE NOTES**

# Fellows

**Dr Ben Guy**, a Fellow of Robinson College and Teaching Associate, Anglo-Saxon Norse and Celtic at the University of Cambridge was awarded The Dillwyn Medal 2021 for Early Career Research Excellence in the Humanities and Creative Arts by the Learned Society of Wales. In his research, Dr Guy explores the written culture of medieval Wales.

On receiving the medal, he said: "It is a great honour indeed for my work to be recognised in this way. Having grown up in Wales, I have always been motivated to learn more about its fascinating history and culture. I hope that I can inspire others to seek a deeper understanding of this beautiful yet complex land." Dr Guy was also awarded the Francis Jones Prize for the joint-best book in Welsh history 2020 by Jesus College, Oxford for his book *Medieval Welsh Genealogy* published by Boydell and Brewer. On receiving the Francis Jones Prize, Dr Guy said: "I'm truly delighted to be awarded the Francis Jones Prize for Welsh History 2020. Not only is this the most prestigious prize in Welsh history, awarded by Oxford College with a long association with Wales and Celtic Studies, but Francis Jones is a name that I'm only too happy to have associated with my book. As Wales Herald of Arms Extraordinary, Francis Jones had a great interest in medieval Welsh genealogy, the subject of my book, and wrote some important works on the subject. I can only hope that he would have approved of my book being given this award in his name."

**Professor Carlos Caldas**, Fellow of Robinson College and the University of Cambridge's Professor of Cancer Medicine, has been chosen to receive one of this year's two prestigious Brinker Awards for Scientific Distinction. Professor Caldas has received the award for Scientific Distinction in Basic Science for his significant contributions to the field of breast cancer genomics. His work has advanced the understanding of the DNA and RNA compositions of human breast cancers, the genomic heterogeneity of breast cancer treatment. This work helped define molecular subtypes (or groups) of breast cancer and identify the genomic changes that drive tumour growth.

**Professor Rachel Oliver**, a Fellow of Robinson College in Engineering and Materials Science and the Dean, has been elected a Fellow of the Royal Academy of Engineering under the Academy's Fit for the Future diversity initiative. Last year the Royal Academy of Engineering admitted into their Fellowship 69 excellent and talented professionals from amongst business people, entrepreneurs, innovators and academics.

In September 2021 Robinson was pleased to announce the appointments of **Dr Emily Price** as Admissions Tutor for Arts and Dr Elizabeth Rawlinson-Mills as the Admissions Tutor for Widening Participation. Both Emily and Lizzi will work with Dr Scott Annett (Admissions Tutor for Sciences) to ensure a positive admissions experience for our applicants. In addition to this, all of them will be working to develop and enhance the College's widening participation initiatives, both in-person and online.

Emily Price is a Fellow and a College Lecturer in Modern and Medieval Languages, with specific interests in Medieval French, Occitan, and Italian song and poetry. At the time of her appointment, Emily said, "I am looking forward to introducing potential applicants to our beautiful and friendly College and showing them everything that Robinson has to offer as a forward-thinking community in which to live and study. Demystifying the admissions process and making Cambridge accessible to all students possessing an intellectual curiosity is my main focus as I start in this role."

**Elizabeth Rawlinson-Mills'** new role has a specific focus on supporting the activities in improving access to Robinson. She is a Fellow in Education and English, as well as a University Lecturer, and her work on the Secondary PGCE course keeps her closely in touch with the schools and sixth-form colleges. Speaking of her appointment, Elizabeth explained, "There are many academically brilliant students who suspect that Cambridge is not for them. To our shame, there are still under-represented groups in Cambridge - and the University is the poorer for it. Part of my role as Admissions Tutor for Widening Participation is to join my voice to the chorus of colleagues and students saying: Cambridge is for you.

# Senior Members, past and present Bye-Fellows

**Professor Sam Lieu**, Bye-Fellow at Robinson since 2018, has been elected a Fellow of the British Academy and a Member of the Academia Europaea. Professor Lieu's professional and academic work has had a strongly international dimension for many years. These latest recognitions are well deserved. They also strengthen Robinson's reputation as a place for pan-European and global scholarship.

**Professor Elisabete A Silva**, Senior Member of Robinson College, has been elected a Fellow of the Academy of Social Sciences in recognition of her contribution to social science. Elisabete is a Professor of Spatial Planning at the Department of Land Economy, Director of the Laboratory of Interdisciplinary Spatial Analysis (LISA), at the University of Cambridge, and a member of the Royal Town-planning Institute. She also lectures and is the course coordinator of 'Urban and Environmental Planning I' and 'Spatial Analysis and Modelling'.

# SCHOLARSHIPS AND PRIZES 2021 - 2022

The following elections and awards have been made:

Scholarships:

*Elected into Senior Scholarships:* Cummins, M. (Natural Sciences); Ficiu, B. (Computer Science); Winter, D. M. T. (Natural Sciences).

*Elected into Titular Scholarships*: Babar, M. J. (History); Bird, E. E. (Classics); Brown, J. W. (Natural Sciences); Browne, H. (Human, Social & Political Sciences); Capbun, E-G. (Medicine); Enslin, F. A. (History & Politics); Farrell, E. (Natural Sciences); Golby, C. (Geography); Jones, J. O. (History); Lineham, E. A. (Veterinary Medicine); Meadows, J. R. (Natural Sciences); Mody, Z. (English); Salvia, R. G. (History & Modern Languages); Scourfield, G. I. H. (Education); Turner, M. A. (Natural Sciences); Verity, P. (Philosophy); Walters, H. (Natural Sciences); Wang, J. (Engineering); Wang, Z. (Engineering).

*Elected into College Scholarships for Graduates*: Chong, C. L. C. (Master of Law); Forster, R. N. (Master of Law); Lam, H. Y. J. (Master of Law); Li, Z. (Master of Law); Rathke, S. (Master of Advanced Study in Pure Mathematics); Myhill, A. D. C. (Master of Advanced Study in Physics).

Elected into Scholarships: Aiyar-Majeed, S. (Natural Sciences); Arbuthnott, H. F. T. (Medicine); Atkins, J. R. (Natural Sciences); Avevor, M. (Engineering); Bansal, T. (Engineering); Blunt, B. (Philosophy); Chamberlain, E. A. (Natural Sciences); Chen, R. (Computer Science); Chung, N. F. C. (Engineering); Clifford, J. (Modern & Medieval Languages); Cole, B. A. W. (Music); Cope, I. (Psychological & Behavioural Sciences); Cox, C. I. (Natural Sciences); Deng, Y. (Economics); Droppa, A. (Anglo-Saxon, Norse & Celtic Prelims); Duer, M. (Engineering); Entwisle, M. A. A. (Natural Sciences); Fan, J. (Engineering); Hancock, C. (Geography); Harrold, A. J. L. (History Prelims); Harvey, M. C. (Natural Sciences); Hellman, J. P. (History & Modern Languages); Hergul, M. (Engineering); Iddon, J. D. (Natural Sciences); Kalairajah, P. (Medicine); Lancaster, Z. F. (Modern & Medieval Languages); Lindsey, N. T. R. (Geography); Liu, Z. (Engineering); Mason, M. (English); Miller, F. (Computer Science); Nandakumar, A. (Natural Sciences); Norman, J. A. (Engineering); Oboril, J. (Natural Sciences); Rance, J. (Computer Science); Roger, A. (Natural Sciences); Roy, U. (Law); Samur, R. (Mathematics); Song, J. (Computer Science); Stevens, M. T. (Engineering); Su, B. (Engineering); Thornton, J. D. (Natural Sciences); Wakelam, W. T. (Modern & Medieval Languages); Walker, B. D. (History Prelims); Weingard, J. J. H. (Natural Sciences); Xiong, Z. (Mathematics); Yang, C. (Mathematics); Yang, R. (Economics); Yau, S. C. H. (Computer Science).

*Re-elected into Scholarships*: Barlow, E. (Human, Social & Political Sciences); Beresford, H. (English); Bourne, C. T. A. M. (History); Carson, J. A. (Modern & Medieval Languages); Cox, C. (Veterinary Medicine); Dorussen, H. A. (English); Elliot, P. (Modern & Medieval Languages); Evans, D. (History & Politics); Gada, J. H. (Mathematics); Gammell, J. (Modern & Medieval Languages); Halahakoon, C. (Medicine); Hawken, A. (Modern & Medieval Languages); Kennedy, J. A. L. (Chemical Engineering); Kurass, S. (Natural Sciences); Langford, T. E. F. (Law); Lee, K. T. Y. (History & Politics); Loan, A. M. J. (History & Modern Languages); Mai, S. H. X. (Mathematics); Manthios, M. (Mathematics); Mgeladze-Arciuch, M. (Computer Science); Mitchell, C. J. (Medicine); Nathan, J. J. (English); Qiu, Y. (Computer Science); Roberts, E. J. (Natural Sciences); Shah, V. (Medicine); Simmonds-Douglas, I. D. L. (Architecture); Snell, J. (Philosophy); Stern, S. J. (History); Vlasits, D. (Computer Science); Vyvyan, C. E. J. (Education); Winter, I. M. (Modern & Medieval Languages); Yacoumatos, C. (Mathematics).

Prizes:

The Warden's Prize: Preston, C. J. The Linton Seu-Kwan Chu Prize: Lindsay, A. R. Victor Chu Prize for Academic Achievement: Lee, K. T. Y. and Song, J. Victor Chu Prize for Academic Improvement: Walters, H. The Lee Prize for Architecture: Kozlik, J. J. The Adrian Knight Prize for Computer Science: Mgeładze-Arciuch, M. The Ying Tao Economics Prize: Yang, R. Dr K. K. Chan Prize for Part IIB Engineering: Wang, J. College Prize for IA Engineering: Chung, N. F. C. The Part IB Prize for Engineering: Su, B. College Prize for Electrical Engineering: Liu, Z. Bloomsbury Prize for English: Mody, Z. The Leonard Conolly Prize for English: Dorussen, H. A. The Smales-Charmes Prize for Geography: Golby, C. The Steve Trudgill Prize for Geography: Hancock, C. The Steve Trudgill Dissertation Prize: Golby, C. The Trevelyan History Prize: Jones, J. O. The Paul Brown Memorial Prize for History: Bourne, C. T. A. M. Nicola Blakeman Memorial Prize: Roy, U. and Williams, S. C. The Deirdre Fu Tcheng Prize for Tort: Roy, U. and Ashmore, A. Slaughter and May Prize: Langford, T. E. F. The Adrian Knight Prize for Mathematics: Xiong, Z. Fröhlich Prize for Mathematics: Mai, S. H. X. Ruth Brooks-Fröhlich Scholarship: Halahakoon, C.

The Isla Yadav Prize for Clinical Medicine: Jackson, E. M. H. L. and James. S. K. The Mansfield Advisors Prize for Biochemistry: Shah, A. N. College Prize for Modern Languages: Gammell, J. The Stewart Prize for German: Elliot, P. The Susanna West Yates Translation Prize: Elliot, P. and Gammell, J. John Lyndon Whittaker Prize for Music: Edwards, H. K. and Ryall, K. M. College Prize for Natural Sciences: Ormsby, C. P. and Oboril, J. The Lewis Prize for Chemistry: Winter, D. M. T. Mathers Prize for Physical Natural Sciences: Cummins, M. and Turner, M. A. Mathers Research Grant: Howarth, S. K. and Preston, C. J. Stephane Francis Sports Scholarship: Gammell, J. Jean Shone Sports Prize: Friend, H. V. Fred Boyne Sporting Achievements: Domfe, L., Friend, H. V., Kelly, E., Perkins, O. T., Sandhu, I. and Sivakumar, K. Irène Némirovsky Memorial Travel Grant: Mason, M.

College Prizes: Aiyar-Majeed, S.; Arbuthnott, H. F. T; Atkins, J. R.; Avevor, M.; Babar, M. J.; Bagley, E. H.; Balmer, F.; Bansal, T.; Bird, E. E.; Blunt, B.; Bourne, C. T. A. M.; Broersma Lamouini, Y.; Brown, J. W.; Browne, H.; Capbun, E-G.; Carson, J. A.; Chamberlain, E. A.; Chen, R.; Chia, M. J.; Chung, N. F. C.; Clifford, J.; Cole, B. A. W.; Cook, G. E.; Cooke, S.; Cope, I.; Cox, C.; Cox, C. I.; Cummins, M.; de Greef Limia, C.; DeMarco, S. D. L.; Deng, Y.; Dorussen, H. A.; Droppa, A.; Duer, M.; Elliot, P.: Enslin, F. A.; Entwisle, M. A. A.; Fan, J.; Farrell, E.; Ficiu, B.; Gammell, J.; Golby, C.; Halahakoon, C.; Hancock, C.; Harrold, A. J. L.; Harvey, M. C.; Hawken, A.; Hellman, J. P.; Hergul, M.; Huang, Y.; Iddon, J. D.; Jones, J. O.; Kalairajah, P.; Kennedy, J. A. L.; Kjeldbjerg, S. C.; Kurass, S.; Lancaster, Z. F.; Lee, K. T. Y.; Lindsay, A. R.; Lindsey, N. T. R.; Lineham, E. A.; Liu, Z.; Mai, S. H. X.; Mason, M.; Meadows, J. R.; Mgeladze-Arciuch, M.; Miller, F.; Mody, Z.; Nandakumar, A.; Norman, J. A.; Oboril, J.; Preston, C. J.; Oiu, Y.; Rance, J.; Roberts, E. J.; Roger, A.; Rowe, J.; Roy, U.; Salvia, R. G.; Samur, R.; Scourfield, G. I. H.; Song, J.; Stevens, M. T.; Su, B.; Thornton, J. D.; Turner, M. A.; Verity, P.; Vines, G.; Vlasits, D.; Vyvyan, C. E. J.; Wakelam, W. T.; Walker, B. D.; Walters, H.; Wang, J.; Wang, Z.; Weingard, J. J. H.; Winter, D. M. T.; Winter, I. M.; Xiong, Z.; Yang, C.; Yang, R.; Yau, S. C. H.; Yesudian, R. I.; Zhang, B.

# **ADMISSIONS 2021 - 2022**

The 2021-22 year has seen a return to a more recognisable spread of events and interactions with schools and students, but we have certainly not simply returned to pre-pandemic outreach strategies. The introduction of the post of Admissions Tutor for Widening Participation, filled by Dr Lizzi Rawlinson-Mills, has supported the outreach work of the College and has allowed for the further development of our Widening Participation strategy. The lessons learned through two years of virtual practice are still being put into use, with the hope that we can continue to combine the best of our faceto-face and online support in attracting all students to the College.

The start of this academic year saw a return to in-person interactions with schools and students. Schools have been enthusiastic to resume in-person visits, and our Schools Liaison Officer, Ruth Moss, visited the College's Link Areas in both Michaelmas and Lent. The College's first series of residential events since 2019 also took place, with the hope that this will have placed Robinson 'on the map' for students with whom we would otherwise not have interacted. This has included an Arts, Humanities and Social Sciences Residential, a Biological and Physical Sciences Residential, a Women in Science Festival, the Robinson Essay Prize, an RCSA BME Residential, a STEP Prep Workshop, the Robinson Access Programme, and a new Slaughter and May Law Residential.

In additional to all these workshops and events, we were also delighted to launch the pilot version of our new Pegasus Scholars bridging programme. Twelve offer-holders from maintained sector schools with Widening Participation flags were invited to join the programme in January, which then took place (with 11 students in attendance) in September. The programme combined online and in-person supervisions, as well as social activities and practical workshops, all of which were intended to support the students as they transitioned from school to university. The feedback we received from the Pegasus Scholars was extremely positive, as were the reflections offered by the supervisors and workshop leaders involved. We look forward to developing this programme over the coming years.

All our Widening Participation efforts have contributed to the College welcoming its most diverse group of first-year students since 2011. In October 2022, 117 students arrived in Robinson, of which 65% of our Home entrants were from maintained sector schools. We still have work to do in our outreach activities, most notably in ensuring a better gender balance in our Science subjects, but we are starting to see some very positive progress.

#### **Dr Scott Annett**

Fellow, Admissions Tutor Tutor and Director of Studies in English

# **ALUMNI RELATIONS AND DEVELOPMENT 2021 - 2022**

2021 brought a long-awaited return to events held in person, and in September we were delighted to welcome alumni back to College to celebrate the anniversary of their matriculation. In a crowded Dining Hall, hands were shaken and embraces exchanged as old friendships were renewed in the College where they began. This Reunion Dinner was the last event Professor David Yates hosted as Warden, and his after-dinner speech was delivered with his customary aplomb. Former Bar Manager Malcolm Trotter's surprise reply from the 1985 table made the evening even more memorable. The alumni and friends who gathered in the Hall, and in the Bar afterwards, wished David well as he embarked on the next phase of a lifelong journey of scholarship and service.

As our alumni community grows, Robinson now hosts two reunion dinners each year and the March dinner was preceded by the annual Alumni Forum featuring a panel of alumni speakers who were posed the question '1.5 to stay alive... Is Net Zero possible?'. Thea Sherer (SPS, 1998), Director of Sustainability at Springer Nature Publishing Group, chaired the discussion, and was joined by Oliver Millican (Land Economy, 1999), Managing Director at Bute Energy, Alastair Marke (Sustainability Leadership, 2017), the Director General of the Blockchain & Climate Institute (BCI) and Elena Vydrine (Sustainability Leadership, 2016), Head of ESG and Climate Index for Asset and Wealth Managers at MSCI. We are grateful to them all for their insight into the greatest challenge of our times, and once again it was uplifting to see the breadth of wisdom and expertise amongst Robinson's alumni community.

The Alumni Forum was introduced by Robinson's third Warden, Sir Richard Heaton, and 2021-22 was a year of transition as Sir Richard grasped the baton of leadership passed by Professor Yates. Sir Richard introduced himself to our alumni across the world via a series of events, including zooms to those living outside the UK, and we are grateful to Adrian Li (Law, 1992) for once again chairing the Asia Pacific Zoom event so skilfully. Alumni in the UK had an opportunity to meet our new Warden in person, and as well as presiding over the March reunion, Sir Richard hosted a drinks reception at London's Barbican Centre, fielding questions from the alumni there about everything from Robinson's ranking in sport to student rents. Behind the scenes Richard's term of office has begun with a period of reflection and renewal, as the College considers its strategic plan for the next 5-10 years and beyond, and prepares for its forthcoming 50th anniversary. A capital fundraising campaign will follow that will enable the College to fulfil its strategic ambitions, which early discussions indicate will include a return to Robinson's radical foundation as a place of both academic opportunity and excellence, that offers a student experience second to none. As I write, a broader consultation with our alumni has already begun, and I hope the Robinson Record's readership will contribute to the discussion when they can.

Robinson's priority in 2021-22 was addressing a student mental health crisis, exacerbated by the impact of the COVID-19 pandemic. The appeal was kicked off with a donation and video testimonial by writer and comedian Robert Webb (English, 1992) and our alumni and friends have so far been inspired to follow Rob's example by donating over £100,000 to help establish a Student Wellbeing Programme. Robinson's first Head of Student Wellbeing & Welfare, Karen Tate, has already been appointed and is based in the new Wellbeing Centre in Thorneycreek House. Karen was faced with a critical case before the Michaelmas 2021 term had even fully begun, and her expertise enabled the student concerned to remain with us and continue their studies. Before Karen's appointment, the outcome might have been very different.

In addition to transforming our ability to help build students' resilience, our donors created new PhD Scholarships in the Humanities, established Bursaries to help EU students continue to enrich our community, and enabled us to give students from non-traditional backgrounds a flying start via the Pegasus Scholars Bridging Programme. Through a gift of shares one alumni donor endowed a fund that will enable us, for the first time, to employ a full time College Lecturer in Mathematics on the retirement of Dr Warner. Together, our donors gave £1,646,182, with a further £111,147 pledged for future years – an extraordinary total, for which we are enormously grateful. May 2022 saw Robinson's first Giving Day, 'Binson Gives'. This new 36-hour digital fundraising initiative concentrated on two key priorities, the Student Wellbeing Fund and the Annual Fund. The latter supports every area of College life and we are grateful to those donors who trust Robinson to direct funds raised for this purpose towards the area of greatest need.

Letting our donors know how much their support means to us, and the impact they are making, is the focus of Robinson's annual Donor Day, which has become a firm fixture in the College Calendar. By a pandemic-related accident of timings, we were able to offer two Donor Days in one academic year, and at the September event donors enjoyed the customary drinks reception and lunch, and a presentation on referendums in European politics from Professor Julie Smith, Baroness Smith of Newnham. Baroness Smith's talk was followed by a performance showcasing the best of Robinson's musical talent and a trio of musicians performed works by Bach, Brahms and our own former Director of Music Simon Brown. June 2022's donor day featured the work of Dr Kevin Chalut on using stem cells for tissue regeneration. Dr Chalut's work brings together physics, engineering and biology to better understand cell fate choices, expanding our knowledge about the causes and potential cures for dementia. After a very good lunch guests were treated to a private view of an exhibition of art relating to water, which had been curated by two Robinson students. All of these sessions demonstrated the vibrancy of the arts, sciences and the humanities at Robinson, and we are grateful to those whose generosity enables this work to continue.

## Ms Sarah Westwood

Fellow, Director of Development

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We also express our appreciation to all those legators who have chosen to remain anonymous.
### THE COLLEGE LIBRARY 2021-2022

It has been wonderful to get back to a footfall of over 50,000 through the library again, after the restrictions and disruptions of recent years. There has been a huge improvement made to the study space with the installation of new high-spec desk lighting, replacing the original lights which have given over forty years of service. Like everyone we are thinking seriously about sustainability and this lighting will help reduce our energy use.

At the beginning of December, we welcomed Jude Brimmer to the Library and Archive team as Archivist and Records Manager. She has extensive experience of twentieth-century archives, having worked at Britten Pears Arts, and her expertise and enthusiasm are proving invaluable. The Library has also benefitted from the support of Harriet Edwards (Music, 2019), who has completed some work experience in the Library as she is considering a career in academic librarianship.

Promotional activity has included three displays: The Walking Library, an art intervention which invited College members to respond creatively to sentences from our collection; Twentieth Century Dust Jackets, which showcased kitchen sink realism from the 1950s; and Wrestling with the Human Form, following the restoration work and new location of the Anthony Smart sculpture First Figure.

Our involvement with Open Cambridge 2022, the exhibition "Patrick Reyntiens and John Piper: interconnections between artist, archive and book" was very well attended and fully recognised Reyntiens' contribution, along with Piper, in the production of our fabulous Chapel windows. There were some challenges in repurposing the Library as an exhibition space – one of our Fellows said "The library looked and felt completely different as a space which was strange but in a good way!"

A highlight of the weekend for me was meeting a former pupil of Reyntiens, taught by him during his time as Head of Fine Art at the Central School; she told us a story or two about his larger-than-life character. John Piper's grandson, Luke Piper (Geography, 1984), although unable to visit during the exhibition, gave his verdict on the windows "I think our college glass is amongst the most uplifting and one of their most successful collaborations. I know my Grandfather and Jack were most proud of it." A Family Trail and "Reading Libraries" meant that all ages engaged and interacted with items on display.

Dr Caterina Milo took over from Dr Brian Sloan on the Library Committee, whilst Kevin Du undertook another term as an undergraduate representative and Jin Seok Lee became the graduate representative. We received a marvellous donation from Professor Robin Kirkpatrick of the sumptuously produced Folio Society edition of The Divine Comedy, for which he had been a translator. Book donations this year have totalled 129 titles. We remain, as always, indebted to those who donate books and it is such a pleasure to receive books written, edited or contributed to by members of the College.

#### **Miss Judith Brown**

Librarian

### Books written, edited, translated, or containing articles by members of the College 2021-2022 donated to the College Library

Presented by Mr S Bench-Capon. Undergraduate (2005 - 2009) BENCH\_CAPON, S.: Oslo...The Whale Whose Tail Looked a Bit Liked a Wellington Boot, UK Book Publishing, 2021

Presented by Cambridge University Press TRUDGILL, S T.: Why Conserve Nature: Perspectives on Meanings and Motivations, CUP, 2022

Presented by Professor A Doležalová. Senior Member (2017 - Present) DOLEŽALOVÁ, A.: Mikuláš Teich: Moje stoleti (1918-2018), Galén, 2021

Presented by Dr E Freer. Fellow (2016 - Present) FREER, E A O.: Sentencing: New Trajectories in Law, Routledge, 2021

Presented by Professor V Hart. Postgraduate (1986-1988) HART, V.: Christopher Wren: in search of Eastern antiquity, Paul Mellon Centre for Studies in British Art, 2020

Presented by Professor R Kirkpatrick. Life Fellow (1978 - Present) KIRKPATRICK, R.: A Collection, The Chaddesden Press, 2013 KIRKPATRICK, R.: The Divine Comedy, The Folio Society, 2021 KIRKPATRICK, R.: Later, The Chaddesden Press, 2021 KIRKPATRICK, R.: Prologue and Palinodes, The Chaddesden Press, 1997

Presented by Professor S Sellers. Senior Member (2020 - 2025) SELLERS, S Firebird: A Bloomsbury Love Story, Edward Everett Root Publishers, 2022 WOOLF, V., & HUSSEY, M. (2011). Between the acts, Cambridge University Press edition of the Works of Virginia Woolf, General editors Jane Goldman and Susan Sellers, 2011

Presented by Dr B Sloan. Fellow (2012 - Present) SLOAN, B & FENTON-GLYNN, C.: Parental Guidance, State Responsibility and Evolving Capacities, Brill Nijhoff, 2021

Presented by Dr D Woodman. Fellow (2008 - Present) TINTI, F and WOODMAN, D A.: Constructing History across the Norman Conquest, York Medieval Press, 2022

#### Other donors to the Library 2021-2022

Anonymous donations, Mr and Mrs Blakeman, Ms J. Blanchard (2016 - 2021), Dr M. Brett. Emeritus Fellow (1978 - Present), Ms J.A. Brown. Senior Member (2018 - Present), Ms J. Bullock-Anderson. Senior Member (2018 - Present), Cambridge University Press, Fitzwilliam Museum, Ms A.K. Lee (2017 - 2020), Mr Y. Lu (2020 - 2023), Mr G. Martin (2018 - 2021), Mr A. Smart, Dr M.E. Stewart. Life Fellow (1977 - Present), Dr S.T. Trudgill. Emeritus Fellow (1996 - 2022).

### THE COLLEGE CHAPEL 2021-2022

Like all other chapel communities in Cambridge this academic year, our own Chapel community has faced largely unprecedented challenges.

The post-covid world of chapel has not been quite so post-covid as many had hoped. The immediate consequences of the pandemic for Chapel choir have caused some disruption to our standard operating procedures in Michaelmas term. The social distancing and other precautions have prevented the feeling of cohesiveness and discipline that normal circumstances allow. In addition, the longer-term effects of the pandemic on our student body as a whole have also had a noticeable impact on the choir. Having lost almost two years of normal functionality, we have also lost much of the experience, ethos and encouragement that is usually handed down, subconsciously, from one generation of students to another. This has affected many of the attitudes and expectations of choir members, who have had to learn together from scratch, how our Chapel functions and what makes us distinctive. Furthermore, within this context I am sorry to report that both our senior organ scholar and a choral scholar resigned from our choir in Lent term.

I am much happier to report that by Easter term, the quality of our choral performance has returned to its pre-covid standard, thanks largely to the efforts of our Chapel Choir director, Simon Brown. Simon has led our choir for seven years and throughout that time has managed to maintain both an excellent choral standard, a strong sense of social cohesiveness, and an informal but serious approach to performance. It was a great loss to the College when Simon left his post at the end of Easter term.

Our new Director of Chapel Music, Mr Will Sims, took up post in late September and has already had a major impact on the quality of the choral music, and the excitement and social cohesiveness of the entire choir community. Will is at an early stage in his career but is already very highly acclaimed and very experienced, having worked with good choirs in both Durham Castle and Lincoln Cathedral.

Highlights from this academic year have been, as usual, our Commemoration of Benefactors' service, at which our guest speaker was Rev Dr Julian Gotobed. Our Carol Service at the end of Michaelmas was extremely well attended and very much appreciated, even if an unexpected darkness made the candlelight more atmospheric and left the Chaplain unable to deliver his carefully polished sermon. And in Lent Term, a vigil held for the people of Ukraine brought together various voices and stories from within our own community in an act of solidarity.

Chapel committee has decided that, for the 2022/3 academic year, Chapel services will undergo a significant change. Given the sparse turnout at regular Sunday morning services, these have been cancelled to allow time for 'Chapel Interviews' to continue via our YouTube Channel which now has seen almost 60 000 views.

In terms of pastoral work this academic year, a generation of students who have faced extended periods of isolation at key moments of their lives, and of course, who are largely unacquainted with the practice of sitting exams, has proven itself highly resourceful and resilient. Nevertheless, my role as Chaplain has seen a very noticeable increase in the number of those happy to seek informal support.

It is worth noting how this 'Pastoral' model of support is slowly being displaced by the term 'Mental Health.' The distinction may be a helpful one, in that pastoral work tends to refer to a general practice of bringing people to 'a good place', socially, relationally, mentally, spiritually, maintaining the general health of a community, and is perhaps closer to the term 'wellbeing'. An emphasis on Mental Health is a major part of pastoral practice, but also includes competencies that today go far beyond those of a chaplain. In particular, our college Nurse, our counsellors, and the exciting new post of Head of Student Wellbeing and Welfare together offer a range of support to our students and staff. As a new Welfare Team takes shape, the pastoral role of the Chapel community and the Chaplain are likely to come into a much clearer focus within the life of the college as we look ahead.

#### **Revd Dr Simon Perry**

The Chaplain

### **ROBINSON COLLEGE CHAPEL CHOIR**

For the Chapel Choir, the academic year 2021-22 has been one of retrenchment after the difficulties of Covid. Pleasingly, we have been able to sing all of our regular Sunday and Tuesday services during the year, as well as most of the extra events which make Robinson choir unique. Choir numbers were up to their usual level, due to a strong recruitment drive in October 2021; it has been a delight to welcome three (later four) MCR members, and our seven-strong tenor section has been the envy of our neighbours!

For much of the year, the choir has been relearning its standard repertoire, but we also found time to learn a significant number of new pieces, from Cecilia McDowall's "O oriens" at Christmas to alumna Sarah MacDonald's "Crux Fidelis" in Lent. Eleanor Daley's "Set me as a seal" was the main anthem at our one joint service of the year, with the choir of Clare Hall on Valentine's Day. In the summer term, we worked on music finalist Marianne Ryall's setting of Psalm 130, as well as two new descants by our Junior Organ Scholar, Ben Cole.

Rather than risk a full-scale tour this year, in June we visited several churches within an hour's drive of Cambridge for a short series of services and concerts. We began with an unaccompanied evening at the Yorkist shrine of Fotheringhay Church, before moving down the road to Cotterstock (ancestral home of choir member Katherine Fitton) for an evening concert; the next day we returned to Cheveley, near Newmarket, for another evening concert. At both concerts, we were treated to capacity audiences and excellent teas – a winning combination!

Thanks, as ever, go to Choir President Harriet Edwards, Social Secretary Oliver Harris and Organ Scholars Ben Cole, Marcus Cox and Tilly Mattich. This was my last year with the choir, and it was a delight to see so many recent choir alumni returning to sing in the final two services of the term – Parry's "I was glad" can rarely have been sung with such spirit and volume in Robinson chapel!

I wish my successor, Will Sims, every success in his plans for the choir's future.

#### Simon Brown

Director of Chapel Music

### FROM THE ARCHIVES 2021 - 2022

It has been a momentous year in a number of respects. We have continued to adjust to the new archive – the Chandrakala & Mansukhlal Shah Building – which, despite a few inevitable teething problems, is a real asset.

The long-delayed (by lockdown) official opening was held on 3<sup>rd</sup> July with a number of guests in attendance from throughout the College's history, including Mary Stewart, Judy Weiss, Morna Hooker, Martin Brett, Roger Greeves, Deborah Thom, Mick Brown, Helen Cornish, Caroline Brown, Lesley Reid and the building's architect, David Emond. We were very pleased to welcome two of our principal donors, Hamel Shah with his family and Kevin Parry, along with many other alumni who had so generously supported the project.

Speeches were made by the Warden, Hamel Shah and Kevin Parry. In his welcome speech, Sir Richard thanked all donors for making it possible for Robinson to have this new purpose-built home for the College Archive. He expressed special thanks to Ross and Jane Reason, who initiated the building and kickstarted the fundraising campaign with a Leadership gift. The ribbon was then cut by Chandrakala Shah and Meredith DePaolo Shah, after which guests were invited for tours of the building and an exhibition of material from the archive. Our Fellow Archivist Peter Milloy then gave a short talk on the history of the College Archive followed by afternoon tea in the Crausaz Wordsworth building. We are very grateful to the Warden for his support and to our colleagues in the Development Office for making the event a memorable occasion.

In December 2021 Jude Brimmer became the first professional archivist to be employed by the College, in a part-time post (two days per week) which has now been made permanent. Jude has previously worked with archives at a number of other Cambridge colleges and currently divides her working week between Robinson and Wolfson.

In her first few months, Jude has produced a Strategic Plan for the Archive, approved by the Archives Committee, which will direct her work over the coming years. The Plan includes a review of the existing Records Retention Schedule and tackling the backlog of College records which has built up in departments. She has also now established a Digital Archive and associated procedures to allow for the transfer of digital records to the College Archive for the first time.

Joan Bullock-Anderson (MML 80) continues to serve on the Archives Committee and is very generously continuing her work on a catalogue of the papers of Mikuláš Teich on a voluntary basis. The College is extremely grateful for Joan's work over the last 5 years, in particular the cataloguing of the College Archive in CANTAB, a searchable database. Part of the long-term plan for the archive will be to make Joan's catalogue available for researchers online.

This year we were fortunate to have continuing support from an enthusiastic student volunteer – Josh Jones (History 2019), initially working under Joan's

supervision. He completed a number of invaluable collections indexing projects during his time with us and was very effective in securing donations of ephemera from the student body. Josh has now graduated with a First and has gained a place on the Archives Administration MA programme at Liverpool, from which we look forward to seeing him emerge as a fully-fledged professional archivist. The Archive also benefitted from the generous support of Lena MacDougall (History 2019) who joined us for indexing our backlog of tutorial files.

On the outreach front, Peter Milloy gave a talk on the history of the college to the Hull History Society in March. Jude has established a new blog on the College's website: *Notes from the Archive* (https://www.robinson.cam.ac.uk/about-robinson/college-archive-and-history/notes-archive) and has contributed archive material to displays for alumni events throughout the year. Jude and Joan will both be assisting our College Librarian, Judith Brown, with an exhibition on Patrick Reyntiens and John Piper for the Open Cambridge weekend in September.

We make no apologies for repeating our plea that we are always seeking more archive material that demonstrates the variety of life in College, including (but not limited to) clubs and societies events, sports fixtures, concerts, recitals, talks, exhibitions, May Balls and their associated posters, programmes, photographs, menus, flyers, reviews, press cuttings. If you have anything you could donate please do not hesitate to get in touch: archivist@robinson.cam.ac.uk.

**Wg Cdr Peter Milloy** *Fellow Archivist*  Jude Brimmer College Archivist

### MCR REPORT

2021-2022 has been a fruitful year for Robinson's MCR. Despite ongoing hardship and initial project delays arising from COVID-19, we were extremely delighted to see a smooth return to normality after easing of restrictions, a vibrant postgraduate community active in college and intercollegiate life, and very positive developments in both JCR-MCR and MCR-SCR relationships. We remain exceptionally proud of the hard work our committee has put in, and will remember well the fun that was had along the way.

Some highlights are as follows: MCR formals have resumed at three times a term and have been popular. The MCR room itself has enjoyed a redecoration and become a well-used social hub and a welcoming space, with the resumption of drinks receptions, cocktail nights and open mic nights. The MCR and the JCR committees exchanged ideas over a formal, and worked effectively together whilst contributing on Council, on recent college strategy discussions, and on the advisory and interview process for the new Head of Welfare role. The Freshers' Week led by Caroline von Einem was well-engaged and a resounding success, as shown by a strong first-year community. Collaborations with other colleges have included four swaps a term organised by Teodora Moiseanu as well as Grange Road MCR LGBTQ+ College Bar Crawls. Of course, we were very delighted to resume two MCR/SCR Research Days, organised superbly by Jin Seok Lee and his team and well attended by JCR, MCR and SCR members alike. Below are the abstracts of the talks.

We thank the Warden for his kindness whilst working with the MCR, and his generosity in inviting us over to the Lodge and sharing his art collection with us. We thank, too, the fellows and invaluable college staff who have been helpful at every turn. And finally, we send our best wishes to our successor Katie Beckwith, in whom we have full confidence to lead the MCR, as it continues to greater heights.

#### **Caroline Kienast von Einem and Christopher Cheng**

MCR Co-President 2021-22

### 29 January Research Day Programme

William McGough, First Year PhD student, Oncological Artificial Intelligence Artificial Intelligence and Early Cancer Detection: The Case of Renal Cancer

"The 5-year survival rate of renal cell carcinoma (RCC) – the commonest renal cancer – drops from 88% to 15% when detected at stages 1 vs stage 4. Detecting RCC at the earliest developmental stage possible is therefore preferable, but RCC early detection programmes present significant challenges: low inter-operator agreement, high staffing costs; low RCC incidence in the general population, and high levels of radiation imparted during radiological imaging. Consequently, manually detecting sparsely-appearing RCC in screening is considered prohibitively slow, expensive, and unsafe. However, recent developments in medical imaging have shown that fast RCC screening may be possible with low-dose CT imaging. Given the emergent opportunity presented by this imaging modality, this presentation will review how modern artificial intelligence (AI) can be exploited to enable early RCC detection. This presentation will review the current state of AI across RCC diagnosis, and broader AI in computer vision, to suggest novel research directions that may enable AI-based RCC early detection in the safer, low-dose CT imaging technique".

#### Pearl Phaovisaid, 2nd Year PhD student, Management Studies

Organizational Silence in Total Institutions: The Enactment of Emotional Competence at War

"The literature on organizational silence typically views this phenomenon as detrimental to individual and organizational well-being and performance, especially in contemporary organizations that depend on timely information for decision-making. While researchers have explored the construct through multiple angles over the past decades of scholarship, organizational silence in total institutions has received sparse coverage. This study attempts to reconceptualize silence beyond passivity and lack of voice, and as the enactment of emotional competence in extreme contexts. Leveraging autoethnographic data from a 15-month combat deployment and qualitative interviews with 50 women veterans who served in the US Armed Forces in support of Operation Enduring Freedom (OEF) and Operation Iraqi Freedom (OIF), this study explores how female soldiers experience war as a total institution, why they enact silence as a coping mechanism, and how institutional contexts contribute to the process. The research further reveals how silence at the individual and organizational level supports institutional maintenance by enabling short-term stability amidst uncertainty. The implications of these findings and directions for future research are also discussed".

### Stefany Kissovksy, 1st Year PhD student in Chemical Engineering and Biotechnology Sensor Technologies and Application

Studying OECTs for Applications in Neuroscience

"Although immense progress has been made in the field of Neuroscience, a lot of neurodegenerative diseases such as Alzheimer's disease (AD), Parkinson's (PD), and Huntington's remain incurable. AD affects more than 50 million people worldwide and is expected to affect three times more people by 2050. AD causes a progressive decline of neurons and leads to memory impairment, loss of problem-solving skills and a decrease in language comprehensiveness. While the direct cause of AD remains unknown, it was discovered that AD is related to the mis regulation of two biomarkers in the brain: the amyloid-beta( $A\beta$ ) and the Tau protein (p-tau181). Moreover, recent studies show that dysfunction in cholesterol metabolism in the nervous system is related to the pathogenesis of AD. Therefore, the purpose of the PhD project is to understand the correlation between the concentration of cholesterol in the cerebral spinal fluid (CSF) and AD's pathology. This relationship will be investigated with organic electrochemical transistors (OECTs). The transistors will be fabricated by atomic layer deposition, lithography, etching, spin-coating and baking. PEDOT: PSS organic polymer will be used to form the channel of the transistors due to its biocompatibility, stability in aqueous media and high sensitivity for bio-molecules. The gate electrode of the transistors will be functionalised with cross-linking agents and chemical compounds to form a highly sensitive and selective enzymatic transistor".

#### Dr Ben Guy (Anglo-Saxon Norse and Celtic)

#### A battle for a lark's nest? Place-name speculation and the earliest legend of Merlin

"This paper will outline research conducted by the speaker in response to a report commissioned by Historic Environment Scotland on the connection between Caerlaverock, in Dumfries and Galloway, and the Welsh legend of Merlin. The well-known character 'Merlin' emerged in European literature in the twelfth century as a key protagonist in the evolving cycle of stories surrounding King Arthur. However, this much-loved wizard of Arthurian romance derived from an earlier character of medieval Welsh literature who was unconnected with either Arthur or wizardry. In origin, he was the Welsh 'Myrddin', a wildman who roamed the forests of Scotland prophesying the future of Britain. He had been driven mad while fighting for his lord Gwenddolau in the battle of Arfderydd, notionally dated to about 573 and located in the modern parish of Arthuret in Cumbria. Almost nothing is known about the historicity of this battle, but during the medieval and early modern periods there emerged the idea that it had been caused by nothing more than contention over a lark's nest. This paper traces the emergence of this idea, and explains how it could have arisen through multilingual speculation on the name of Caerlaverock in south-western Scotland".

#### Jin Seok Lee, 1st Year PhD Student in Pathology (Immunology)

Presentation of foreign antigens via MHC class II molecule is mediated via tethered exosomes

"Our immune system is a delicate and intricate machinery with powerful artillery to defend us from many invading pathogens (disease-causing microorganisms). Before a mass deployment of such cellular and biochemical weapons can occur, however, the immune system must cross-check the validity of such invasion and thus avoid triggering a false alarm that could be detrimental.

During a pathogenic invasion, a special type of immune cells known as Antigen Presenting Cells (APCs) plays a pivotal role. Specialised APCs such as Dendritic Cells (DCs) are not only able to engulf and 'digest' the pathogens, but also present fragments of broken-down pathogenic proteins on its plasma membrane by loading the peptides onto a group of membrane-bound proteins known as the Major Histocompatibility Complex Class II (MHC-II). This pathogenic peptide (antigen) is then recognised by other immune cells e.g., T cells and B cells which will drive the humoral response such as cytotoxic killing and antibody production.

The antigen-loaded MHC-II (pMHC-II) is currently thought to be bound to the plasma membrane directly. However, there is increasing evidence to challenge this model. My project focuses on gathering such evidence, concentrating on the role of 'exosomes' – tiny vesicles which are released by APCs. Contrary to the previously widespread claims, we think that these exosomes carry the pMHC-II and can be 'tethered' onto the plasma membrane. If successful, this project could be a part of paradigm-shifting work in immunology, aiding a better understanding of antigen presentation".

### Katie Beckwith, 1st Year PhD student, Chemistry Data in Chemistry

"Cheminformatics is a fairly new field in chemistry, broadly it covers the collection analysis and manipulation of chemical data. It has wide uses across chemistry, and also in allied fields such as environmental sciences and pharmacology.

Currently, my research focuses on three main components; molecular representations, machine learning within chemistry and how both of these can be utilised to predict the toxicity of new molecules.

The toxicity of new molecules is a huge challenge globally. With advances in organic and synthetic chemistry access to new molecules is greater than ever. However, all these new molecules require rigorous testing, in chemico, in vitro, in vivo and in human clinical trials. A large percentage of new molecules will fail this testing, causing a huge loss in time and money. In silico techniques offer a way to reduce the collateral damage caused by failed R&D programmes, as well as giving a more ethical alternative to animal testing as we see an increase in pressure to reduce the use of animal models.

In silico techniques use computational techniques to predict the possible toxicity of molecules, without the need for them to be synthesised. In my talk, I will briefly touch upon some of the various techniques which can be used for predicting toxicology and how the choice of molecular representation and application of machine learning can stream-line this process".

#### Dr Kevin Chalut, Fellow, Natural Sciences (Physical)

Niche stiffness underlies the ageing of oligodendrocyte progenitor cells

Ageing causes a decline in tissue regeneration due to a loss of function in adult stem and progenitor cell populations. An important example is the deterioration of the regenerative capacity of the widespread and abundant population of central nervous system multipotent stem cells known as oligodendrocyte progenitor cells (OPCs). OPCs show a marked age-related decline in their competence to proliferate and differentiate into myelin sheath forming oligodendrocytes. An overlooked potential source for this loss of function is the stem cell niche, a source of cell-extrinsic cues including chemical and mechanical signalling. While chemical signalling from the niche has been examined, comparatively little is known about the role of mechanical signalling in ageing. In this study, we show that the progenitor microenvironment stiffens with age and that its stiffening is sufficient to cause the age-related loss of OPC function. We use biological and novel synthetic scaffolds to mimic the stiffness of a young brain and find that isolated aged OPCs cultured on both scaffolds are rejuvenated. When we perturbed mechanical signalling by silencing Piezo1 channels, OPC proliferation, differentiation and regeneration increased dramatically in vitro and in vivo. RNA sequencing data indicate that the molecular identity of aged OPCs cultured on the soft, highly adhesive substrates we invented is very similar to that of the identity of neonatal OPCs. This suggests that ageing can be reprogrammed in the neonatal mechanical microenvironment. Ultimately, we demonstrate that tissue stiffness is a primary regulator of ageing in OPCs, and reveal new insights into how adult stem and progenitor cell function changes with age. Our results imply that the neonatal phenotype can be maintained in adult stem cells independent of physiological age and chemical instruction, using the appropriate mechanical environment.

Segel, M., B. Neumann, M. F. E. Hill, I. P. Weber, C. Viscomi, C. Zhao, A. Young, C. C. Agley, A. J. Thompson, G. A. Gonzalez, A. Sharma, S. Holmqvist, D. H. Rowitch, K. Franze, R. J. M. Franklin and K. J. Chalut (2019). "Niche stiffness underlies the ageing of central nervous system progenitor cells." Nature 573(7772): 130-134.

#### Aly Makhlouf, 2nd Year PhD student, Biological Sciences

Embryonic stem cells: Towards understanding and treating infertility

"The development of multicellular organisms is an incredibly complex process, during which all the cells, tissues and organs of an organism have to develop from a fertilised egg. The 'embryonic stem cell' is a cell that emerges very early in the developing embryo and has the ability to then form all mature cell types in the body. One of the first such cells to form in the body are primordial germ cells (PGCs), which are the precursors of the sperm and egg. My research uses both embryonic stem cells and the embryo as models for understanding how different cell types form, with a focus on how stem cells transition to become PGCs. If this biological process can be fundamentally understood, the hope is to then be able to fully recreate it in vitro, or outside the body. The ability to make healthy sperm and egg from stem cells could help lift the tremendous emotional burden of infertility on a global scale, currently affecting approximately 15% of couples, by opening up new opportunities in assisted reproductive technologies".

#### Saeed Husain, MPhil student, Anthropological Research

A Hermeneutics of Violence: Post-2007 Pakhtun Migration in Karachi

"What does it mean to flee large-scale physical violence and re- construct your life in a new city? What does that look like when you live in the same country and are discriminated against when you move to another part of the state? My MPhil thesis follows the lives of Pakhtuns in Karachi, Pakistan who have fled infighting between the Taliban and Pakistan Army since 2007, and sees how their groups and individuals understand their new spaces, and how they interact with the "established" local population. For example, do they maintain former ties to kin, ownership, finances, etc., and how do they look for new housing and work? In the broader context of their experiences, I aim to understand how their displacement due to violent conflict makes them understand their structures of governance and relationship to the Pakistani state".

### 30 April Research Day Programme

#### William McGough, First Year PhD student, Oncological Artificial Intelligence

Artificial Intelligence and Early Cancer Detection: The Case of Renal Cancer

"The 5-year survival rate of renal cell carcinoma (RCC) – the commonest renal cancer – drops from 88% to 15% when detected at stages 1 vs stage 4. Detecting RCC at the earliest developmental stage possible is therefore preferable, but RCC early detection programmes present significant challenges: low inter-operator agreement, high staffing costs; low RCC incidence in the general population, and high levels of radiation imparted during radiological imaging. Consequently, manually detecting sparsely-appearing RCC in screening is considered prohibitively slow, expensive, and unsafe. However, recent developments in medical imaging have shown that fast RCC screening may be possible with low-dose CT imaging. Given the emergent opportunity presented by this imaging modality, this presentation will review how modern artificial intelligence (AI) can be exploited to enable early RCC detection. This presentation will review the current state of AI across RCC diagnosis, and broader AI in computer vision, to suggest novel research directions that may enable AI-based RCC early detection in the safer, low-dose CT imaging technique".

#### Joseph Lewis Second Year PhD student, Archaeology Modelling the Road Systems of Pre-Modern Empires

"Pre-modern empires were a logistical issue: distance was indeed 'public enemy number one' (Braudel, 1966, 379-390). Often spanning thousands of kilometres across multiple ecological zones, road systems were paramount for the expansion, consolidation, and functioning of these empires.

Whilst great emphasis has been placed on understanding road systems and their role in the success of pre-modern empires, the large-scale assessment of the spatial and temporal variability of roads within empires has been neglected. Instead, a dichotomy of focus has occurred: (1) the micro-study, whereby individual roads are explored with little attention given to their comparison or uniqueness; and (2) the macro- study, where road systems are represented as complete and coherent entities, with their statistical properties analysed.

This research aims to position itself between the two extremes. By examining the spatial and temporal variability of Roman roads in Roman Britain through the analysis of the landscape which the roads traverse, we can learn more about the decision-making process of road building, how the Romans integrated themselves within the pre-existing societies that they conquered, and how roads in Roman Britain compare with other Roman provinces, Italy itself, and even other empires".

#### Professor A. David Yates (Law, Warden: 2001-2021)

Do Lawyers Wreck Deals?

"My research involves an attempt to evaluate the success rate of lawyers in negotiating commercial transactions as compared with transactions negotiated by business entities acting without legal assistance, examining what factors influence deal outcomes and what might be done to achieve better outcomes. It probably comes as a little surprise to their clients, though it may surprise the lawyers, to learn that the lawyers' "success rates" in negotiating deals leave significant room for improvement. Lawyers involved in negotiating commercial contractual arrangements are in an ambiguous position. Technically they are the agents of their clients but they are also the managers of the deal as well. They are the ones primarily responsible for the outcome and for advising on the means of getting there. This gives them considerable situational power but it also carries with it a significant amount of responsibility. This responsibility, together with more than half an eye being kept on the need to protect themselves and their firms from malpractice claims, may often make lawyers cautious and risk-averse in their strategies.

On the other hand, accountability to one's client can also lead to greater advocacy than is the case when acting for oneself and this sense of partisanship may be enhanced by the ethical duty to act in the client's best interests – and also by their legal training, which often encourages lawyers to see a negotiation primarily in terms of "winlose". These factors can have a significant impact on both the lawyers' and their clients' ability to shape how the deal is perceived and managed once it is handed over to the lawyers to negotiate. When all this is combined with highly technical common law rules that impose on the parties a not insignificant lack of room to manoeuvre postcontractually, coupled with a belief, espoused by generations of judges, that commercial clients value certainty and predictability from the law, above all else (a belief not necessarily borne out by empirical research) one might conclude that involving your lawyer in negotiating your contract might, in a more than a minority of cases, increase the odds of the deal ultimately hitting the buffers".

#### Caroline Kienast Von Einem, First Year PhD Student, Public Health, Epidemiology and Geography

The Built Environment and Health - Understanding the connections between residential migration and responses to changes in the built environment

"Public health interventions aimed at modifying aspects of the social, physical, economic, and educational environments have been proposed as potential solutions to the growing problem of physical inactivity. When making decisions about which interventions are best suited to achieve this goal, much emphasis has been on outcome measurement and determining whether or not a programme 'works'. However, to develop a sound theory of change and translate findings from one place to another it is

necessary to also understand how and why interventions may (or may not) achieve a certain outcome. Up to the 2000s, the promotion of physical activity primarily focused on education and individual behaviour change with mostly disappointing results. In more recent years, the emphasis has shifted to the effects of the wider determinants of health (behaviours), including the built environment. With relatively strong evidence for the influence of the built environment on physical activity, what remains more uncertain are the effects of changes to the built environment that aim to purposely increase population patterns of activity (such as changes in transportation systems, housing and public open spaces). As environments and the people living within them are largely heterogeneous, considering the context in the evaluation of such environmental intervention is essential to identify their true effects, mechanisms by which they achieve change and their generalisability. Identifying the relevant features of context remains a significant and ongoing research task. To date, few studies consider the effects of migration and residential mobility when discussing the effects of environmental changes, even though we know that migrants and movers have distinguishable characteristics and that moving might cause these traits to (de)concentrate in certain areas. This study sets out to investigate the connections between residential migration and responses to changes in the built environment in an attempt to unpack the causal 'black box' surrounding environmental interventions".

#### Shadi Seifouri MPhil student, Musicology

Ephemeral Engagements: Operatic Holograms and The Limits of Deadness

"As an immersive theatrical practice, holograms occupy bizarre liminal spaces: audiences consume now-enlivened, spectral, and simulated bodies of the past, in venues intended for live performance events. This late-capitalist and uniquely post-modern endeavour has given rise to a new "necromarket", whereby the processes of "revivification" call for dead bodies to be paraded on stage as voyeuristic gimmicks for the pleasure of paying audiences. The deceased artist is without agency yet performs through death, and the essence of their bodies lives on to generate a perverse social and monetary capital. Tapping into the phenomenon of mnemotechnics, examples of artists who have been "revivified" ranges across both genre and period, from Whitney Houston and Buddy Holly through to Tupac Shakur and Callas (BASE holograms). What seems to unite these paradigms, though, are the often tragic biographies which reify their iconic status: as part of a nostalgic cultural fabric, we collectively fetishize death. With industries gesturing more towards a posthumous obsession with legacy, the ethics of performance-what it means for "liveness" to exist, or indeed, where the limits of deadness lie-destabilise the ontologies and rituals which performance practice has hitherto followed.

What hologram technology sets into performative motion is the consumption of manipulated media: the artifice of spectacle is altered to amplify, readdress, and to a certain extent, preserve a particular sonic and visual aesthetic. Put simply, holograms at once destabilise conventions of performance practice by subverting established notions of "liveness", whilst also precipitating the pragmatic rituals of performance engagement (i.e., applause, pauses, attire, and venues). In light of this contention, this paper will be examining Callas's hologram tour where I'll look at the posthumous legacy of the body on stage, ephemerality, and memory. I'll trace the sites where the "tour" took place, and how audiences engaged with—and continue to engage with—the event of a musical performance even in the absence, or rather, the artifice of the constructed performing body."

#### Wg Cdr Peter Milloy, Fellow Archivist, Emeritus Fellow

The Founding and Building of Robinson College 1972 – 1980

"This is a short presentation about David Robinson, his vision for a new College for Cambridge, the choosing of a site, and the construction of the extraordinary building. It will also cover the establishment of the Academic Community with the appointment of the first Warden, the selection of the Founding Fellowship and the employment of support staff. This part of the story ends with the arrival of the first students in 1980".

#### Lily Parmar, MPhil student, ELAC (European, Latin American and Comparative Literatures and Cultures) But just where was our home, again? Roberto Bolaño after Georges Perec

"My MPhil dissertation research looks at the variations in detective fiction amidst major political crises. I am particularly interested in the function of games for French writer Georges Perec, who established a completely novel way of conceiving literary form based on puzzles, and Chilean writer Roberto Bolaño, whose detective fiction completely rethought the genre. I begin by analysing a section of a poem written by Bolaño, "A Stroll Through Literature", in which he imagines meeting Perec. I then outline the historical relation of the detective fiction genre to political upheaval and events in world-structuring (a compelling example is the production of Agatha Christie in the wake of the World Wars & John le Carré during the Cold War, etc.) and demonstrate both writers' use of the genre to interrogate the political evils of their time: Perec to the questions of Nazism in the wake of WWII and the loss of his family in the Holocaust; Bolaño to the incomprehensible lacunae in the logic of late capitalist violence and the role of Fascism and Imperialism in the Latin American dictatorships contemporaneous to the Cold War. Finally, I compare and analyse the popularity of both authors today and consider that their importance largely consists in troubling—using puzzles and games—political and social problems that persist today, logically precarious, although widespread and materially enforced, organisations of the real".

#### Maria Julia Maristany, Second Year PhD student, Physics

Modelling cellular organization: a computational model for protein phase separation

"Liquid-liquid phase separation (LLPS) is an important mechanism that contributes to an intracellular organization via the formation of biomolecular condensates. From a theoretical and computational perspective, the development of accurate and transferable coarse-grained models that allow us to elucidate the molecular mechanisms driving condensate formation in the cytoplasm and nucleoplasm with the attainable computational cost is highly desirable.

Recently, Bremer and colleagues [1] provided an extensive set of experimental quantitative phase diagrams for the low complexity domain (LCD) of the hnRNPA1 protein (A1LCD), an RNA binding protein that has been found to be involved in neurodegenerative diseases, in particular, ALS. We recently developed a multiscale coarse-grained model, termed 'Mpipi' and based on atomistic potential-of-mean-force calculations, which seeks to provide a balanced parametrization of interaction strengths between different types of amino acids, accounting for the dominant role of pi-based and other select interactions. In this work, we adopt Mpipi and compute phase diagrams for the full set of A1LCD variants. We find excellent agreement between our simulated phase diagrams and the experimental ones, both qualitatively (i.e., the relative LLPS propensities of the proteins) and quantitatively (I estimated critical temperatures for LLPS).

During this talk, I aim to give an overview of the theoretical framework of phase separation, its importance in the functionality and pathology of the cellular environment, as well as presenting our new computational model and the insights we can learn from it regarding the hnRNPA1 protein".

[1] Bremer et al, Deciphering how naturally occurring sequence features impact the phase behaviors of disordered prion-like domains, bioRxiv, 2021.

[2] Joseph, Reinhardt et al., *Physics driven coarse-grained model for biomolecular phase separation with near-quantitative accuracy*, Nat. Comput. Sci., 2021 (in press).

### **ROBINSON COLLEGE STUDENT ASSOCIATION**

It's been a great year for the college, full of many exciting firsts for students, particularly those whose experience so far has been dampened by the effects of COVID. The year kicked off with an amazing Freshers' week, the first completely normal one in two years! Some of the highlights were the Matriculation Formal, the pub crawl and of course the infamous Robinson Bops. After a year and a half hiatus, the bops gained attraction from all of Cambridge with queues reaching down Burrell's walk! Some of the best bops included Rainbow Robinson, the biggest bop of the year, to celebrate the LGBT+ community, and the James Bond bop with a guest DJ, Dr Chris Warner, the college's Maths DoS! Although the bops are great there is still a lot of work to be done on the sustainability of these events. There are large amounts of plastic waste and our green officer has been working hard to come up with creative solutions. Soon we should have reusable cups and a dishwasher installed in the bop room.

The year ended with the biggest party of all, the Robinson May Ball. With only a few members of the college having ever attended a Robinson May Ball the committee did an amazing job of recreating the Moulin Rouge within the red bricks. There was food, drink, music and dancing well into the early hours of the morning. We are incredibly grateful to the May Ball committee who brought together an amazing evening for all to enjoy!

It wasn't all parties at College, however, as a main focus of the RCSA this year was welfare. Coming out of COVID, welfare was a priority for the college and the RCSA as the transition wasn't easy for anyone. We were really happy to have a part in picking the new Head of Welfare, Karen Tate, who started this June, and we are really excited about the new plans and support we can provide for all the students with this new role. Another great advancement this year is the addition of exercise spaces in college. After being a Fellows-only space for many years, it's finally being opened to all students this Michaelmas to use! It has some great equipment like a treadmill, ergo and cable weights and we are so excited about the positive impact this will have on the college. Of course, this is just a start but we are hopeful this is the beginning of the journey towards a college gym.

On the topic of exercise and sports, we had the honour of hosting Varsity this year. Varsity is a day of sports games against our sister college at Oxford, St Catherine's. We tried to open the day up to more than just sports this year and even had a University Challenge match between our two teams! It was a close score all day but overall, we came out victorious. We are really looking forward to the rematch in Oxford next year. On top of our victory, sports and societies participation has skyrocketed this year with over 20 new societies being formed. From Binson Bots to Volleyball there truly is something for everyone and it's really exciting to see everyone getting involved in student life so much.

As well as the in-College success, the RCSA access and widening participation team have also achieved some great things for prospective students. Our access officer spent some of his holidays at our partner schools in Gloucester and Wiltshire talking to secondary school children about Cambridge and specifically Robinson. On top of this, the summer has been packed with arts, sciences and BME residentials for Year 12s to encourage them to apply. The most exciting event must be the Pegasus Scholars Programme happening right before the Michaelmas term starts. Some of the incoming freshers coming from widening participation backgrounds will be invited for a 3-week programme (half in person, half online) to help acclimatise them to Cambridge before term starts. This year is a trial run but it's such an exciting and important scheme that I'm sure it will become a better and more prominent scheme in years to come.

I am very proud of all the work the RCSA put in this year. The whole committee worked hard to try to make this as good a year as possible for all the Robinson students and I really hope it all paid off!

#### **Tamsin Sandhu**

RCSA President 2021-22

### **COLLEGE SOCIETIES**

### **Binson Bots Society**

It's been a great year for Binson Bots. From volunteering to show kids how to program, during classes organised by the Raspberry Pi foundation, to running events where we taught our own students to code their first robot, we have done our best to bring programming to everyone.

We now have four fully operational and fully customizable robots. Courtesy of our sponsors, our inventory now proudly boasts lots of stashes, food, fast robots, and even a lock-picking set.

We plan to organise bigger and better events next year where everyone independent of their skill level will be able to have fun and learn a lot about programming. We hope to see you next year.

Everyone, from current Robinson undergraduates to alumni to friends of the College is welcome to get involved and take part, feel free to message Michał to contact us —> mm2504@cam.ac.uk.

Michał Mgeładze-Arciuch Co-President 2021-22

### The Brickhouse Theatre Company

In 2001-22 the Brickhouse Theatre Company had a very busy and successful year. Their productions numbered eleven and covered a wide range of theatre, from Shakespeare up to today and from comedy to more melancholy plays. Particular highlights included a musical version of Sophocles' *Antigone* and Pasek's *Dogfight* – both produced post-pandemic - Florian Zeller's *The Son*, and Shakespeare's *The Winter's Tale:* these last two both received five-star reviews. And the summer production of Shakespeare's *A Midsummer Night's Dream* in the Maria Bjornson brought a welcome return of outdoor theatre: record numbers of spectators showed how much this was appreciated.

**Dylan Evans** *President 2021-22* 

### **Gardening** Society

The Robinson Gardening Society has enjoyed another successful and productive year in our garden patch. Fresh air and some gentle gardening for a few hours each week have provided a healthy diversion from the stresses of studies and restrictions, and have helped the patch to flourish.

Michaelmas began with a bountiful harvest of potatoes and carrots, planted during the previous Easter term and having matured nicely over the summer. We then dug fresh leaf compost through the bare areas and mulched in the perennials and some brassica seedlings to overwinter for harvest in Lent. The broccoli didn't make much of an appearance (despite copious foliage) but the Brussels sprouts were so prolific that from just a few plants we were able to donate a pile to the Robinson catering staff.

One addition to the Society this year was a regularly available range of pots and soil mixes so members could repot and rejuvenate their own potted plants. This explored the use of coconut coir as an eco-friendlier alternative soil substrate to more traditional peat compost. Come spring we also used this mix to plant hundreds of seeds (cosmos, cucamelons, lettuce, tomatoes, mesembryanthemums, calendula and more) in recycled and homemade newspaper pots. These sprouted with unprecedented success we had more seedlings than we knew what to do with!

We also added some new perennial plants to the garden - these included raspberry canes, asparagus crowns, rhubarb and some gorgeous purple osteospermum flowers. These will hopefully accompany our existing resident perennials which return with great gusto every year; particularly our chrysanthemums, tayberries, comfrey and echinops (both favourites with bees) and the enormous grey-blue ornamental artichoke.

We rejuvenated the alpine strawberry border and regrouped and expanded our collection of bulbs, adding more grape hyacinths and daffodils (which the Muntjac deer,

fortunately, seem to dislike) and some lilies-of-the-valley. In May our alliums returned in force, complementing the purple poppies and flowering chives beautifully.

Through Spring we worked to establish a herb border along the path, inspired by the resident clumps of purple sage, parsley and oregano. We added more classics like chives and tarragon, as well as some more unusual variegated sage. These grew in companion with successive sowings of radishes, onions, peas and lettuce (garden-soc staples), and patches of calendula and nasturtiums to naturally deter pests and attract pollinators. Towards the end of term, we planted more potatoes, beans, parsnips and carrots to grow over the break, ready to begin the cycle anew and kick off the next year of planting plants at Robinson with a bumper harvest.

### **Hannah Walters**

President 2021-22

### **Music Society**

This year marked the first year for the majority of us which was not heavily affected by covid. Considering the impact of the pandemic on all musical activities, the committee saw this year as an opportunity to start bringing the musical culture of Robinson back to full strength. We were therefore thrilled to be able to keep a consistent weekly recital programme in addition to extra events such as concerts in the Warden's Lodge and during May Week.

Many thanks to everyone who performed or supported us in the audience of our concerts, to the committee for all their efforts this year, and to Jeremy Thurlow for explaining to us what May Week actually is!

### **Harriett Edwards**

RCMS 2021-22

### **COLLEGE SPORTS CLUBS**

### Boat Club (Women's)

Hannah Walter and I had the honour to run as women's boat co-captains for this academic year (2021-2022). It was quite a challenge to pick up a disrupted boat club after the difficulties COVID-19 restrictions had imposed. Nevertheless, from the start of the Michaelmas term, we managed to get together a senior boat and have regular outings. Lowena and Steffi (the Lower Boat Captains) also managed to recruit novice rowers and get a boat together in Michaelmas, which took part in competitions such as Qergs and Emma Sprints.

Moving into Lent term, the Women's side started strong, with a rowing week before the start of term. We had a very consistent and dedicated crew throughout the whole Lent term, which was an absolute joy as a captain. We trained four times per week, which included three outings and one erg session. The hard work paid off during Lent bumps when we bumped the first three days of bumps. Unfortunately, on the last day of bumps, Selwyn W1 managed to get us. Nevertheless, we were really proud of our achievements.

Easter term was another wonderful term for rowing, with evening outings and nice warm weather. All the women rowers were very determined and persevered with high commitment despite exam season. Easter bumps was a tough four days, with rowing through a heat wave and with a hangover from Robinson May Ball.

Overall, this year was a very fun and successful year for the women's side of the Robinson Boat Club. I am delighted to have been co-captain with Hannah and hope the Robinson rowing community continues to grow next year.

#### Claudia de Greef Limia

*Co-Captain* 2021-22

### Cricket

After two seasons' worth of disruption, Robinson cricket needed to rebuild in order to match the strong performances enjoyed in previous years.

The training proved difficult. Having no artificial surface of our own, any practice meant a trek across town to Hills Road sixth form at odd hours of the day or encroaching on other colleges' playing fields to the ire of groundsmen. Despite this, many new faces came along to develop their skills. We were pleased to welcome three freshers to the team: Will Wakelam, a talented batter and emerging seam bowler, Fabian Pountney, a skilful and tall left-armer with good pace, and James Gryko, an attacking leg-spinner who can extract prodigious turn. Additionally, we managed to recruit top-order batter Alex Loan away from the hockey team.

Our first full-strength outing came in the form of a Grange Road derby versus Selwyn in the first Cuppers match of the season. Abhiram Gundimeda, known in the Cambridgeshire leagues for having once hit six 6's in one over, put on a rapid 40 off 29 balls before our top order was removed by an exceptional spell from Selwyn's wrist-spinner L Gardener, who finished with 4-9. Fifth-year medic Ben Turner dragged Robinson to a defendable total with 30\*. Abhiram, Fabian, and former skipper Harry Hewett began the Robinson response well. Carson brought himself into the attack and found two quick wickets, with Wakelam taking a sharp catch in the covers – a feat he would repeat an over later off Gryko. Joel Wiseman held his nerve bowling at the death to seal a victory by seven runs.

Our next fixture would be a rain-affected match vs Trinity Hall at their Wychfield ground. The pitch turned out to be a minefield, with plenty of uneven bounce. Good batting performances from Henry Lambert, Duncan Greenshields, and James Gryko were in vain, as Trinity Hall batted the minimum overs before the match was awarded to them on DLS.

Our final group stage match was a must-win against Girton, who turned up with a suspicious amount of players from the university's first and second teams. The pressure was on, especially as the overcount was reduced to 10 a side. Alex Loan's 31 from 26 balls in a good partnership with Will Wakelam proved crucial, as good bowling from Fabian, Cameron Mitchell, Jonathan Snell, and Harry Hewett kept them behind the rate throughout.

Consequently, we progressed into the quarter-finals and were drawn against Gonville and Caius. Robinson bowled first, with Fabian again economical. Carson beat the bat, and picked up a wicket, but was expensive. Fellow leg-spinner James Gryko bowled exceptionally well on a turning track, producing a beautiful leg-break to take out the dangerous Sam Pritchard's off stump. Some good fielding on the pavilion boundary by Henry Lambert saved several boundaries, but Caius posted a strong total of 153-6 off their 20 overs. Promoted up the order, Fabian's power-hitting struck early fear into the Caius camp. Turner (41) and Wakelam (59\*) combined to keep Robinson in the game. When Turner got out, Wakelam accelerated, hitting two sixes over square leg which both scattered tiles from the pavilion roof. However, Robinson could only make 141-4 in response, meaning we fell one win short of Finals Day at Fenner's.

Robinson also played friendlies against a London touring side, and Cambridge NCI cricket club, to round off a brilliant season. It will fall to Will Wakelam to take the side forward next year.

#### **Jamie Carson**

Captain 2021-22

### Croquet

This year Robinson students out-pegged every other college team to be crowned croquet cuppers champions. In a brutal knock out style competition, two Robinson students - T. Hewitt (MPhil Management 2021) and S.P. Mitchell (Geography & Management Studies, 2018) and, joined forces with fellow Judge Business School (JBS) students H. Wang (Jesus 2018 Natural Sciences & Management Studies), and T.S.J. Chesser (Pembroke 2018 Classics & Management Studies) to found the Judge Business School Management Studies Tripos Croquet Club (JBSMSTCC for short) and build an unbeatable foursome.

At the start of the season favourites Corpus were expected to have a strong shot at the final. JBSMSTCC Captain Chesser motivated the team to engage in a tough preseason training programme at JBSMSTCC Official Training Lawn, Thorneycreek House Lawn, Robinson College.

With preseason training complete, on Saturday 21st May JBSMSTCC travelled to St John's College Scholars Lawn for their first-round match against John's I. While John's put up an admirable fight, their preseason training was no match for JBSMSTCC's. The MST athletes were looking to continue their winning form.

On Saturday 28th May, JBSMSTCC took to Trinity backs for their second round Cuppers match vs Trinity IV. After some initial discussions about the technicalities of pre-first-post-pegging, the two games stuttered into life. Hantian & Chesser convincing beat their pair, allowing Mitchell & Hewitt to secure a rapid team victory after the second hoop. Hantian pulled a worldie out of the bag as he posted from the far corner of the lawn.

Following two decisive victories, on Friday 3rd June, in the third round of CUACC's Cuppers, JBSMSTCC took on Girton II. Girton were the stiffest opponents JBMSTCC had faced yet, but battling through on Jesus' Chapel lawn, our athletes brought home the dub in both legs.

In the fourth round, JBSMSTCC were set to face Girton I. Sadly due to travel difficulties and examinations Girton I were forced to concede the match. Not wanting to let any rust build up before the semi-final, an inter-team match was organised at on Jesus' Chapel lawn. After over 3 hours, and some fantastic play, time was called, ending the game in a draw.

On Wednesday 15th June, JBSMSTCC fought, battled, and eventually beat All Emma Lawn Tennis & Croquet (AELTC). In the first leg, Hewitt & Mitchell won 10-7, after the matched timed out after over 2 hours of play. In the second leg, after a slow start, Chesser & Wang took a decisive victory. JBSMSTCC were cuppers finals bound. The dream was alive. Could the humble JBS team bring home the silverware?

On Thursday 23rd June, CUAC Cupper's final was held at Corpus Christi's Leckhampton Lawn. The hallowed University Croquet Club training ground was surrounded by hundreds of supporters eager to see JBSMSTCC's much anticipated battle against Emmanuel College Boat Club (EBC). Under the careful watch of England Croquet's professional referee, the game got off to a shaky start as both sides settled

their nerves and steadied their hands. After a fiercely fought match, JBSMSTCC won both legs. The JBSMSTCC athlete's unity was crucial in their battle against adversity. England Croquet President, Barrett Quiller, presented JBSMSTCC with the glorious silverware.

JBSMSTCC would like to thank Robinson and Jesus Colleges for the kind usage of their finely kept croquet lawns.

Full squad: T. Hewitt (Robinson MPhil Management 2021), S.P. Mitchell (Robinson Geography & Management Studies, 2018), H. Wang (Jesus 2018 Natural Sciences & Management Studies), T.S.J. Chesser (Pembroke 2018 Classics & Management Studies).

Sebastian Mitchell

President 2021-22

### Lacrosse

This year Robinson College Lacrosse Club (RCLC) had the most successful season in living memory. Colloquially known as 'bricks and sticks', RCLC managed to win both Division 1 of the Cambridge Mixed Lacrosse League and the college cuppers knock-out competition.

In Michaelmas term, RCLC secured automatic promotion into Division 1 by finishing in the top two teams in Division 2. Kitted out in new brick design lacrosse pinnies, RCLC were ready for Division 1 when it began in Michaelmas.

A few highlights from the Lent League include an 8-1 win over on January 29th, a 9-0 win over Girton on February 5th and a third victory in a row, a 3-0 win, against Sidney. Joint top of the table with Trinity by the division of Lent term, RCLC needed to win more matches than Trinity to secure league victory. Despite a few cancellations, and some close matches RCLC went on to win Division 1 by the end of Lent term. A huge achievement, particularly considering that only the year before Robinson's Lacrosse team had struggled competing in the third division.

As Division 1 champions, RCLC had confidence that they had a good shot at the cupper's trophy. And yet, cuppers is an entirely different competition from the league. Perhaps the highest honour in Cambridge lacrosse, cuppers silverware is a dream many never see become a reality. At cuppers, colleges always field their strongest teams, and this year was no exception. Robinson called back fourth-year veteran S. Cook after much time away precipitated by her year abroad, while alumni and RCLC legend D. Rennie came down to manage the team and lead side-line support.

Arriving at Jesus college in the early morning, RCLC began their group stages in strength, beating Magdalene, St Cats, and Emma. In the first knock-out round, the quarterfinals, Robinson convincingly beat Newpus (Newnham & Corpus Christi) convincingly 5-1. In the semi-finals, facing a fearsome team of Medics, Robinson went ahead early, but then lost their lead as Medics scored a quick brace of goals. The score-line 2-1 at half time, Robinson managed to score once to bring it back to evens. After fierce play, in a growingly muddy pitch, Robinson scored a concluding goal to make it 3-2.

In the final, Robinson met with Trinity, who had beaten Girton in their quarterfinal and Pitzwood in their semi-finals (Peterhouse, Fitzwilliam & Murray Edwards). In a similar manner to their semi-final, Robinson once again found themselves behind early on. And yet, armed with their experience of coming back against the Medics, Robinson brought it back to beat Trinity 3-2 and were crowned 2022 Lacrosse Cuppers Champions.

The cuppers-winning squad included E. Arbuthnott, H. Butler, S. Cook, C. Dauris, S. Dempsey (c), F. Enslin (c), M. Fryer, T. Hewitt, G. Manning, S. Mitchell, D. Rennie (Manager), J. Skinner, W. Wakefield, and I. Winter. With thanks to our supporters and other players who joined us throughout the year.

A huge thanks to our co-captains S. Dempsey & F. Enslin for their fantastic leadership throughout a tumultuous year, and to the CUMLC secretary and league secretaries for organising such outstanding league and cuppers competitions.

#### Sebastian Mitchell

CUMLC Captain 2021-22

### Netball (Women's)

It's been a brilliant year for Robinson Women's netball. Having started the year in Division 4, the lowest of the college league, we've won our way up through two promotions into Division 2 with only two defeats over the whole year. Not only has our match play been successful, but we have had a massive increase in participation in the team - where in previous years we were struggling to assemble a team of seven, this year we had matches and training sessions where we had enough players for almost two full teams.

Some of our highlights from the year include defeating two Oxford colleges, St Edmunds Hall and our sister college St. Catharine's on Varsity Day. We also came third in a difficult group at Cuppers, and have several players also participating in the CULNC development squad.

#### **Sophie Howes**

Captain 2021-22

### **Penguins Ultimate Frisbee**

The penguins got off to a brilliant start in Michaelmas, fighting hard in every single one of their matches to score 14 times across the season, chanting our new chant, 'Noot noot!' after every single point (Noot noot! has become our new favourite rallying cry and was inspired by Pingu). In true Penguin spirit, we came 3rd of 13 teams in the spirit rankings, demonstrating true sportsmanship and friendliness throughout the season. At the end of Michaelmas, we had an incredibly tight but very spirited match against Jesus which ended in a 4-5 loss to them on universe before beating St John's by 5-3 to rank 13 of 14 teams.

After a brilliant Christmas delivering presents on Santa's sleigh, we migrated back to Cambridge to begin the Lent Season by beating Longhill 11-6, while still showing care and kindness to the Sixth Form team and pausing the games to teach them various aspects of gameplay and rules. We continued to fight hard for the rest of the season but sadly lost the remaining games but not without scoring another 10 points across the rest of the season and finishing 4th of 12 teams in the spirit rankings.

After the joyous Hat Tournament at the end of Lent, we returned in Easter fully refreshed and ready to play more games. Despite (or because of?) the hot summer weather, we were able to maintain a strong presence throughout all of our games. Churchill/Medwards lost in a walkover to us as we had a whopping 3 woman-matching players (out of 6 penguins in total, the perfect 50-50 gender split which the new 2021-2022 WUDF rules require!!), while the other team had none. We then had a friendly game of pickup with our good friends at Jesus, and in the subsequent week fought hard to lose 4-13 to ARU. Finally, after exams were over, we played Summer Cuppers on a scorching day from 11am-4pm, with highs of 28C, the day before a heatwave hit the UK. We did our best to stay cool using popsicles and ice water, but by 1pm, we were down to only 3 penguins and decided to team up with ARU to continue as the Ruskin-Penguins. We fought hard, sharing each other's team tactics and teaching the ARU students about the power of the 'Noot noot!'. Together we then fought against two huge teams in a spontaneous pickup game before going on to have an incredibly tight match against Churchill, ending with a 4-5 loss on universe.

Overall, we've had an amazing year and cannot wait to welcome penguins back in the fall!

**Yasmine Kanagalingam** *Captain 2021-22* 

## **PART II: ARTICLES**

### **FELLOWSHIP PROFILE**

Dr Brian McCabe



I became a Fellow of Robinson in 1984 and over the years have been Director of Studies in Veterinary Medicine and Natural Sciences. I have been a Graduate Tutor since 2014 when I retired from my University Lectureship in Zoology and became an Emeritus Fellow. From 2010 to 2014 I was Director of the Sub-Department of Animal Behaviour at Madingley just outside Cambridge, a research centre which over the years has played a major role in developing the subject of Ethology - the study of behaviour.

I arrived in Cambridge in 1973, fresh from a PhD in Physiology at University College London and a BSc in Chemistry and Physiology from the University of Leeds. My PhD work showed that brief, local, quasi-natural stimulation of nerve cells in the cerebral cortex caused long-lasting changes in the activity of these cells, by a process that was a candidate for a neural basis of memory. The opportunity then arose to do post-doctoral research on memory mechanisms with Gabriel Horn and Patrick Bateson in Cambridge, in collaboration with Steven Rose at the Open University. The work focussed on imprinting, the process by which young animals learn about their parents shortly after birth or hatching because it offers particular advantages for memory research. Imprinting is particularly striking in animals that are highly mobile in the immediate post-natal period, such as sheep, horses, ducks and chickens. We worked on the domestic chick, a uniquely appropriate species for this research.

It was necessary to find out whether memory-specific changes for imprinting occur diffusely in the chick brain or a restricted area. If the latter, it would be essential to focus our attention on this area. It turned out that memory-specific changes following imprinting are to be found in a restricted part of the chick's forebrain. This region was identified partly in Cambridge and partly when the group moved to the University of Bristol for several years. We then moved back to Cambridge, to the Department of Zoology, where work continued to characterise the neural basis of imprinting in detail.

Once we knew where in the brain to study memory mechanisms, a range of analytical techniques could be brought to bear. Quantitative electron microscopy revealed that the synaptic junctions between nerve cells change shape when a chick becomes imprinted and pharmacological techniques identified some of the neurotransmitters contributing to memory formation. We were able to detect changes in the electrical activity of cells in the forebrain that participate in learning and found that sleep is important in this process. It is now well established that sleep can enhance memory in human subjects, but how this is achieved at the neurobiological level is not well understood. Knowledge of the corresponding neural processes in chicks has yielded clues to memory mechanisms shared by a range of vertebrate species, including our own.

The work had its unexpected discoveries, one of which was a predisposition of chicks to show a preference for the features of an adult chicken. Further work in other laboratories has shown that this predisposition is one of several directed towards characteristics of live animals, as opposed to inanimate objects. Taken together, the results point towards a process that does not require any specific experience but directs a young animal towards other individuals, biassing what it subsequently imprints too. This work has prompted research on human babies, which have been found to show similar predispositions. These predispositions have been reported to be modified in children with autistic behaviour.

Since retiring from my University post, I have been able to continue working on imprinting, most recently focussing on molecules that contribute to the learning process, and using statistical methods to distinguish learning-dependent processes from those involved in predispositions like those mentioned above.

Looking back on the past few decades, I find that my research has paralleled the development of the subject of Neuroscience, which is essentially multidisciplinary and receives contributions from many of the classical academic disciplines, from Philosophy through Zoology to Engineering and the clinical sciences. I was fortunate to join a group that was committed to multidisciplinary research at an early stage. And fortunate also to have been part of Robinson as it developed and matured over essentially the same period.

#### **Dr Brian McCabe**

Emeritus Fellow in Zoology

# PART III: THE ROBINSON COLLEGE ALUMNI ASSOCIATION (PEGASUS)

#### Deputy President's Report 2021 - 2022

The untimely death of the RCAA's President, Dr Steve Trudgill, brought about an understandable pause in the activities of the Association in 2021 to 2022. Steve's energy and genuine enthusiasm for the RCAA means he will be a hard act to follow, and it feels fitting to take some time to reflect on the role of the RCAA and who would be the best person to lead the Association to the College's 50<sup>th</sup> anniversary and beyond. I hope members will join the Committee at the next AGM on Saturday 25 March 2023 and join the discussion.

#### Sarah Westwood

Development Director and Fellow Robinson College Alumni Association (Pegasus)

### **ALUMNI NOTES**

**Professor Timothy Luckhurst (1980, History)** has been appointed to the Editorial Board of The Conversation UK, the independent publisher of news and views sourced from the research community and delivered directly to the public. https://theconversation.com/uk/team.

Helen Birkbeck (1981, Medieval and Modern Languages) announces that 'in the last three years I have had four granddaughters, so would like to think some of them might go to Robinson one day!'

Anthony Toole (1984, Mathematics/Management Studies) has been elected to the Prestbury Parish Council, to embrace and enter more fully into community life.

Keith Kahn-Harris (née Harris) (1991, Social and Political Sciences) informs us, 'In November 2021 my seventh book was published: The Babel Message: A Love Letter to Language. A celebration of linguistic diversity based around a discussion of the multilingual warning messages inside Kinder Surprise Eggs, of which I also commission translations into languages as diverse as Klingon and Middle Egyptian. Yes, seriously.'

**Clare Phillips (1991, Computer Science)** is now in her 27th year of service in the British Army and she was delighted to be selected for promotion to Brigadier in July 2021 to take up the post as the Deputy Military Secretary in the Army Personnel Centre in Glasgow. After being named in the 2020 New Year's Honours List to receive a CBE, this has been quite an unexpected 18-month period.

In June 2021, **Talbot A. Stark (1992, Management Studies**) dedicated himself full-time to Stark Capital, a Family Office & Consulting Firm, after a successful career in Finance spanning over 29 Years. Mr Stark retired from BNP Paribas as Global Head of Sales - Institutions (June 2021) and he previously held roles at Lehman Brothers and JP Morgan.

**Ben Jarman (2000, Theology)** married Jo Tapp (Newnham, 2003) at Brentford and Isleworth Friends Meeting House on 30 October 2021 – third time lucky, thanks to the pandemic. Robinson friends sadly missing from an intimate, Covid-limited wedding, but Dave Gates (Geography, 2000) provided memories and support as a remote best man. Ben is now back at Robinson as a graduate student and is in the late stages of writing up his PhD in Criminology.

Stephen Bench-Capon (2005, Modern and Medieval Languages) sent in this announcement: 'I have written, and self-published a children's novel called Oslo or

The Whale Whose Tail Looked a Bit Liked a Wellington Boot. I'm not sure if it's more influenced by Dostoevsky or Kafka, but I definitely benefitted from having my writing torn apart by my supervisors at Robinson.' Congratulations, we are grateful to Stephen for sending a copy of his novel to the College Library for future generations to enjoy.

**Natalie Freeman (2005, Medicine)** and her husband Dave would like to announce the birth of their son Oliver Herschel Nicholls on 21 February [2021] in Bath.

**Marie (Mimi) Willcock (2005, Social and Political Sciences)** and Tom Boyd (English) are delighted to announce the arrival of Lucy Beatrice Willcock Boyd, born July 11th, 2021, at BC Women's Hospital in Vancouver, British Columbia, Canada, weighing 9 lbs, 2 oz. Lucy joins her brother Will, 2, and both are looking forward to returning to the UK to meet their Robinson alumni family soon.

**Barnaby Mollett, Ronke Fadipe** and **Medha Gupta (2007, Economics)** recently met up for an economists' reunion. Following a heated discussion of freemarket principles, a heated brunch (not free) was consumed. Barnaby visited the statue of the Father of Economics, Adam Smith, in Edinburgh shortly afterwards.

**Frank Choi (2010, Law)** informs us about a happy arrival: 'My wife, Jennie Lau, gave birth to our son, Ernest Jacob Choi on 9 July 2021.'

**Mimi Kyprianou (2011, Law)** has joined the Tax team of Latham & Watkins in London, after spending the first five years of her career at Clifford Chance. In what has been an eventful summer, Mimi is also delighted to announce her engagement to Callum McKinnon.

Lampros Labros Bouklis (2017, Sustainability Leadership) sent in his most recent news: 'Following my studies at the University of Cambridge (Master's Degree in Sustainability Leadership with a dissertation specialisation in the circular economy, 2017), I have been recently appointed as the Organizational Development Manager for the new Master's course named as "Circular Economy & Sustainable Development: Leadership, Technology, Innovation". This course will commence in 2022 at the University of West Attica (Athens) Greece. and it is the first in Greece that explores in a holistic approach the concept of the circular economy.

**Ronald Tam (2017, Sustainability Leadership)** joined XtalPi (a global leader in Artificial Intelligence Drug Discovery with its headquarters in China and strategic collaboration partner in Cambridge UK) as Chief Financial Officer in December 2020. Ronald has recently relocated the whole family from Hong Kong to China travelling between Shenzhen and Shanghai.
# **OBITUARIES AND TRIBUTES**

Amy Kendal Smith (1995-2022)



It is with great sadness that we report the death of Amy Kendal Smith, a Robinson student working for a PhD in the Department of Plant Sciences. Amy died peacefully in the presence of her family in November 2022 after a long illness.

Before Amy's arrival in Cambridge, she studied Biology at the University of Leeds and worked for a year as a researcher at the Royal Botanic Gardens, Kew. Amy co-authored four papers based on her work at Kew, which included botanical insecticides, medicinal plants, and the role of bumblebee gut microbes in controlling the levels and potency of nectar-associated antiparasitic chemicals. Some of this work was published recently in the Philosophical Transactions of the Royal Society<sup>1</sup>.

Amy began her PhD studies in the Department of Plant Science's Virology and Molecular Plant Pathology group in October 2020. Her work was a collaboration with scientists at the Royal Horticultural Society (RHS). Amy's project was to characterize the virome (the viral 'community') carried by bumblebees using high-throughput sequencing techniques, and to determine how this overlapped with the viromes of plants and pest insects, such as aphids. The major focus was on a group of insect-pathogenic viruses that can lie dormant in plants, effectively using the plants as 'vectors' to infect insects.

Amy's hypothesis was that plants sit at the centre of a network by which bees might pass aphid-pathogenic viruses to plants (possibly helping to protect these plants from aphids or other pests), with the corollary that aphids might be moving beepathogenic viruses around. She set about developing some of the molecular tools she would need to support her field studies and established collaborative relationships with colleagues at RHS Wisley and at Cambridge Botanic Garden in preparation for field experiments. Unfortunately, this work was interrupted by Amy's diagnosis and treatment, and she returned to the group on a part-time basis to allow time for further treatment. Highly adaptable, Amy 're-tooled' to learn bioinformatics to focus on the discovery of viral sequences present in samples from the field. She was still working on these complex 'metagenomic' analyses when she died.

Although Amy was just 27, she had already laid the foundation of a potentially outstanding career in plant and pollinator biology. Her passion for both field and lab work was infectious, and the photograph of Amy collecting bumblebees illustrates this wonderfully. She was a warm, generous, optimistic and very funny person, and enjoyed sailing, rock climbing, painting, clothes making, soft toy making and caravanning in her spare time. She was an enthusiastic member of the Robinson Gardening Society and worked as a volunteer guide at Sherwood Forest. Her supervisor at Kew, Professor Phil Stevenson, reminisced that 'she made a big impression and was a ray of sunshine in the lab.'

1. Koch, H. et al. (2022) Host and gut microbiome modulate the antiparasitic activity of nectar metabolites in a bumblebee pollinator. Phil. Trans. R. Soc. B https://royalsocietypublishing.org/doi/10.1098/rstb.2021.0162

From an appreciation of Amy by Professor John Carr, Amy's PhD Supervisor.

Photo credit, Professor Phil Stevenson, Kew.

# **PART IV: COLLEGE LISTS**

# THE COLLEGE LIST WITH MEMBERS IN RESIDENCE



## **ROBINSON COLLEGE**

## MICHAELMAS TERM 2021

## Visitor

## LORD SAINSBURY OF TURVILLE in virtue of his office as CHANCELLOR OF THE UNIVERSITY OF CAMBRIDGE

## Warden

Sir Richard Nicholas Heaton MA (Oxon) KCB

## Fellows

1985	Richard James Needs BSc (Brist) PhD (Cantab)
1987	Alan Mycroft PhD (Edin) MA ScD (Cantab)
1989	Melinda Jane Duer, MA PhD (Cantab)
1991	David Alastair Ritchie, MA (Oxon & Cantab) DPhil
	(Sussex)
1991	Ian Allan Rudy, MA PhD (Cantab)
1994	Rosalind Claire Love, MA PhD (Cantab)
1996	William Peter Nolan, BSc (Lond) PhD (Cantab)
1997	Julie Elizabeth Smith, MA (Oxon & Cantab) MPhil DPhil
	(Oxon)
1999	Anuj Dawar, BTech (Indian Inst of Technology) MS
	(Delaware) PhD (Pennsylvania) MA (Cantab)

2000	Jeremy Robert Thurlow, BA MPhil (Cantab) PhD (Lond) ARCM, ARCO
2001	Christopher David Warner, BSc PhD (Manc) MA (Cantab)
2002	Clemens Friedrich Kaminski, BSc (Reading) DPhil (Oxon)
2002	Christine Elizabeth Latham, MA (Cantab) VetMB, Cert VR MRCVS
2002	Joanna Elizabeth Page, BA (Oxon) MPhil PhD (Cantab)
2005	Richard William Sharp, MA PhD (Cantab)
2005	Nedunchezhian Swaminathan, PhD (Colorado) ME (Indian Inst of Science, Bangalore) MA (Cantab)
2006	Peter John Ashton Hutchinson, BSc (Lond) PhD (Cantab),
2000	MB BS (St Bart's Lond) FRCS
2006	
2006	Ross George Reason, MA (Cantab) MSc (King's Lond)
2006	Athina Emanuel Markaki, 1 <sup>st</sup> Class Hons Dipl (Athens) PhD (Cantab)
2007	Andrew Mark Sharkey, MA (Cantab) PhD (Edin)
[2007]	Andreas Georgiou, MA PhD (Cantab) (2013)
2008	Mohammed Zein Elabidin Babiker Elshafie, BSc (Hons)
	(Khartoum) MPhil PhD (Cantab)
2008	Rory Emmett Finnin, BA (Georgetown) MPhil (Columbia)
	MA (Cantab)
2008	Olivier Louis Joseph Restif MA PhD (Paris 6) MA
	(Cantab)
2008	Michael Dong Shin, BA (Harvard) MA (California
	Berkeley) PhD (Chicago) MA (Cantab)
[2008]	David Anthony Woodman, MA PhD (Cantab) (2012)
2009	Rachel Angharad Oliver, FREng (Hons) DPhil (Oxon)
2009	Ying Jin, BArch PhD (Cantab)
2010	Colin Michael Crump, BSc (First Class Hons) PhD (Bristol,
	UK) MA (Cantab)
2010	Paul Nicholas Schofield, BA (First Class Hons) MA DPhil
	(Keble, Oxon)
2011	Kevin James Chalut, BA (Albion, MI, USA) PhD (Duke, NC,
	USA) MA (Cantab)
2012	Paul Thomas Griffiths, BA (Hons) (Oxon) DPhil (Oxon)
2012	Brian Damian Sloan, BA (Hons) LLM (Cantab) PhD (Cantab)
2013	Helen Lucy Thaventhiran BA (Hons) (Cantab) MSt (Oxon)
2010	PhD (Cantab)
2013	Gary Joseph Doherty, MB BCHIR MA PhD MRCP (Cantab)
2013	Amy Louise Erickson, BA (University of California, Berkley)
	PhD (Cantab)
2013	Alexander Charles Copley, MESc (Oxon) PhD (Cantab)

2013	Jossy Sayir, MA, Dipl El-Ing (MSc) Dr Techn-Wiss (PhD) (ETH, Zürich) MA (Cantab)
2013	Imre Galambos, MA (Eötvös Loránd, Budapest) MA, PhD (California, Berkeley)
[2014]	Bartomeu Monserrat Sánchez, MSci (Imperial, London) PhD (Cantab)
2015	David Fairen-Jiménez, BA (Universidad de Alicante, Spain) PhD (Universidad de Granada, Spain and Université Joseph Fourier, France) MA (Cantab)
2016	Stuart James Hogarth, BA MSc (Imperial, London) PhD (London Metropolitan)
2016	Elaine Abigail Odette Freer, BA MPhil (Cantab) PhD (Keele)
2016	Nikhil Gopal Krishnan, BA (Bangalore) BA BPhil DPhil (Oxon)
[2017]	Benjamin David Guy, BA (Cantab) MA (Brown, Rhode Island USA) PhD (Cantab) (2020)
2017	Duncan Astle, BSc (Durham) PhD (Nottingham)
2017	Scott Annett, MA MPhil PhD MEd (Cantab)
2017	Sarah Elizabeth Westwood, BA (Manc)
2017	Alison Louise Young, LLB (Birm) BCL MA DPhil (Oxon)
2018	Carlos Caldas, MD (Lisbon, Portugal), PhD (Hon) (Porto, Portugal), FMedSci
2018	Fiona Brockbank, BA (Hons), MA (Cantab)
2018	Gabriele Susanne Kaminski Schierle, Diplom in Biologie (MSc) (Fribourg, Switzerland) PhD (Lund, Sweden)
2018	Emily Kate Price BA MST (Oxon) MA (New York)
2019	Saul Edward Nassé, MA (Cantab)
2019	Johan Petter Larsson, MSc, PhD (Jönköping, Sweden)
2019	Nicholas Stuart Lamond Milne
2019	Jeremy David Yallop, BSc (King's London) MPhil (Cantab), PhD (Edinburgh)
2020	Elizabeth May Rawlinson-Mills MA, PhD, PGCE, MEd (Cantab), MA (Bristol)
2020	Nicholas Henry Bexfield BVetMed (Royal Veterinary College, London) PhD (Cantab) DSAM DipECVIM-CA PGDipMEdSci (Nottingham) PGCHE (Nottingham) FHEA MRCVS
2021	Rhiannon Elizabeth McGlade BA (Sheffield) MA (Birmingham) PhD (Sheffield)
2021	Daniel Knorr BA (John Hopkins) MA (California, Irvine) PhD (Chicago)
2021	Caterina Milo BA (Siena) MA (St Mary's) PhD (Durham)

2021	Adam Joseph Woodhouse-Mowl BA (Oxon) MA (Queen
	Mary, London) PhD (California, Los Angeles)

## **Research Fellows**

2019	Ignacia Arteaga BA (Hons) (Pontificia Universidad
	Católica de Chile) MSc, PhD (UCL)
2019	Konstantin Röder BA (Hons) MSci PhD (Cantab)
2020	Matthew William Harris Simpson, BA MPhil, PhD
	(Cantab)

# Life Fellows

1077	
1977	Morna Dorothy Hooker (Stacey), DD (Cantab) PhD (Manc)
	DLitt (Brist) Hon DD (Edin) MA (Brist, Oxon & Cantab)
1977	Mary Edna Stewart, MA (Oxon & Cantab) DPhil (Oxon)
	PhD (Cantab)
1977	John Clinton Gray, BSc PhD (Birm) MA (Cantab)
1978	German Elias Berrios, BM BCh (San Marcos) MA (Oxon
	& Cantab) FRCP(Hon)
1978	Robin Kirkpatrick, BA (Oxon) MA PhD (Cantab)
1979	John Austin Williams, MA PhD (Cantab) FREng
1979	David Stewart McKie, MA PhD (Cantab)
1980	Geraint (Geb) Alwyn Clayton Jones, BSc PhD (Wales) MA
	(Cantab)
1981	Elizabeth Marion Guild MA (St And & Cantab) PhD
	(Cantab)
1982	Peter Newman Brooks, MA PhD (Cantab)
1983	Christopher Forbes Forsyth, BSc LLB (Natal) LLB PhD
	(Cantab) Barrister-at-Law
	Emeritus Fellows
	Emeritus renows
1977	Lawrence Michael Brown, BASc (Tor) PhD (Birm) MA
	ScD (Cantab) FRS
1977	Judith Elizabeth Weiss, BA (Rhodes) MA PhD (Cantab)
1978	Ian Thomas Drummond, MA BSc (Edin) PhD (Cantab)
1978	Martin Brett, MA (Oxon & Cantab) DPhil (Oxon) PhD
	(Cantab)

1980John Clayton Taylor, MA PhD (Cantab) FRS

[1982] 2007	John Francis Hilton Sergeant, MA DiplArch (Cantab)
[1004] 1006	RIBA
[1984] 1996	Nicholas Collings, BSc (Brist) PhD (Cantab) FREng
1984	Brian John McCabe, BSc (Leeds) MA (Cantab) PhD
	(London)
1986	Peter Francis Kornicki, MA (Oxon & Cantab) MSc DPhil
	DLitt (Oxon) FBA
1986	Malcolm Robert Mackley, BSc (Leics) MA (Cantab) MSc
	PhD (Brist) FREng
1987	Deborah Thom, MA (Warw & Cantab) PhD (CNAA)
1991	John Raymond Myers, LLB (Liv) MA (Cantab)
1996	William (Twink) Richard Allen, BVSc (Sydney) PhD
	(Cantab), ScD (Cantab) DESM FBS FRCVS CBE
	(deceased 6 June 2021)
1996	Stephen Thomas Trudgill, BSc PhD (Brist)(deceased 18
	January 2022)
1997	Maryon Elizabeth McDonald, BA PGCE (Lond) DPhil
	(Oxon)
1998	David George Cornick, MA (Oxon) BD PhD (Lond)
2001	(Anthony) David Yates MA (Oxon & Cantab), FRSA
	Solicitor of the Supreme Court
2001	Peter Dennis Grattan Milloy, BSc (Manc) MEng (Cardiff)
	MA (Cantab)
2007	Joan Teresa Tiffert, BSc MB BChir MSc Dr Med (Lima)
	MA (Cantab)
2008	Judith Margaret Lieu, BA (Hons) MA (Durham) PCE
	(Oxon) PhD (Birm) MA (Cantab) FBA

# **Honorary Fellows**

[1981] 2014	Dame Athene Margaret Donald, DBE MA PhD (Cantab),
	FRS
1988	Sir Geoffrey Allen, FRS FREng FRSC FInstP
1989	Sir David Kwok Po Li, Hon LLD MA
1989	Frank Harold Trevor Rhodes, PhD DSc (deceased 3
	February 2020)
1992	Sir John Grant McKenzie Laws, MA (Oxon) (deceased 5 April 2020)
2007	
2007	Sir Maurice Ralph Kay, PhD (Sheff) Hon LLD (Sheff,
	Manc, Keele)
2010	Warwick Morris

Leonard William Conolly, BA PhD (Swansea) MA
(McMaster) DLitt (Swansea) Hon DLitt (Guelph) FRSC
FRSA
Ondrej Ladislas Krivanek FRS BSc (Leeds) PhD (Cantab)
Dame Caroline Humphrey BA (Cantab), MA (Leeds), PhD
(Cantab) <u>DBE</u> , <u>FBA</u>
Christine Madeleine Odette Lagarde Maîtrise et DESS
(Paris X), Maîtrise (Aix en Provence);
Commandeur, Ordre du Mérite agricole; Officier, Ordre
national de la Légion d'honneur
Lord Rees of Ludlow BA, MA, PhD (Cantab)
OM, FRS, HonFREng, HonFMedSci, HonFBA
Dame Justine Thornton DBE BA MA (Cantab)
James Alexander Harrison BA, MPhil (Robinson, Cantab)

# Senior Members (a) Former Fellows or Officers

1977-80	Barry McCormick CBE, MA (Manc & Cantab) PhD (MIT)
1977-84	Henry John Woolston, MA (Oxon & Cantab)
1977-85	Jean Bilbrough (formerly Martin), BSc (Leeds) MA PhD
	(Cantab)
1984–86	John Gerard McInerney, BSc (Cork) PhD (Dub & Cantab)
1978-86	Joachim Whaley, MA PhD (Cantab)
1977–87	Trevor Francis Page, MA PhD (Cantab) FREng
1983-87	Andrew William Goudie, MA PhD (Cantab)
1986-88	Robert Andrew Evans, MA (Oxon) MSc (Lond)
1986–89	Timothy Hands, BSc (Nott) PhD (Dub & Cantab)
1986–90	Julie Alexandra Evelyn Curtis, BA DPhil (Oxon)
1987–90	David Papineau, BSc (Natal) PhD (Cantab)
1989–92	Hua Zhao, BSc (Tianjin) PhD (Leeds)
1992–93	Alistair Joseph McGibbon PhD (Glasgow)
1992-93	Gabriel Gbadamosi
1982–93	Edwin Charles Constable, MA DPhil (Oxon) PhD (Cantab)
1991–93	Andrew Beaumont Hughes, BSc PhD (WAust)
1993–94	Falko Neininger, PhD (Bonn) (1996–97)
1992–94	John Semple Craig, MA (Carleton) PhD (Cantab)
1990–94	Eugene Victor Flynn, BA (Otago) PhD (Cantab)
1991–94	James Richard Simpson, MA PhD (Cantab)
1992–95	Nwola Oluwakemi Uduku, MSc (Nigeria) MPhil (Cantab)
1995	James Smyth, BA (Dublin) PhD (Cantab)
1995–96	John Adam Tooze, MA PhD (Cantab)
1990–96	David Richard Turner, BA (Oxon) PhD (Cantab)

1992–96	Catherine Anne Simpson, MA (Oxon) PhD (Lond)
1994–96	Colin Ernst Huehns, MA PhD (Cantab)
1994–96	Richard Mark Smith, BM BCh (Oxon) MA PhD (Cantab)
	MRCP
1977–97	Christopher Paul Hughes, BSc (Nott), MA (Cantab), PhD
	(Belf)
1992–97	Jonathan Michie, BA DPhil (Oxon) MSc (Lond)
1996–97	Jonathan Mark Robinson, MSc PhD (Cape Town)
1987–97	Barbara Ewa Politynska, BSc (Manc) MPhil (Cantab)
1995–98	Caroline Annabelle Walsh, MSc (Dundee) BA PhD
	(Cantab)
1995–98	Mark Chingono, MSc (Zimbabwe) MPhil PhD (Cantab)
1996–98	Jennifer Susan Payne, MA (Cantab)
1996–98	Catherine Anne Merridale, MA (Cantab) PhD (Birm)
1990–98	Mahesan Niranjan, BSc (Perad'ya) PhD (Cantab)
1986–99	Lynn Faith Gladden, BSc (Brist) PhD (Cantab) FREng
1995–99	Richard Paul Suttie, PhD (Edin)
1996–99	Nicholas Charles Bamforth, BA BCL MA (Oxon)
1997–99	Luisa Affuso, BSc (Naples) MSc PhD (Warwick)
1988–2000	Martin John Dixon MA (Oxon & Cantab)
1993-2000	Jun Yuan, BSc (Lond) PhD (Cantab)
1995-2000	Polychronis Constantinos Tzedakis, BA (Boston) ScM
	(Brown) PhD (Cantab)
1996–2000	Marcus Peter Francis du Sautoy, BA DPhil (Oxon)
1998–2000	Stephanie Newell, BA (Anglia) MA (Lond) MA (UEA)
	PhD (Birm)
1999–2000	Neil Beresford, BA (Cantab)
1999–2000	Linda Dianne Macks BAppSc (Univ of Technology,
	Australia), PhD (Univ of New South Wales)
1999–2000	Jun Shi, LLB (Beijing) LLM (Shanghai)
1999-2001	Maria L Di Tommaso, MSc (York) PhD
2000-2001	Manfred Max Bergman, PhD (Cantab) BA (California) MA
	(Geneva)
1996-2002	Mark Spivack, BSc (University College, Cardiff), MSc PhD
	(Manc)
1999-2002	Suzanne Elizabeth Aspden, BA BMus (Victoria Univ of
	Wellington, NZ) DPhil (Oxon)
1999-2002	Hans-Joachim Voth, MSc DPhil (Oxon)
2000-2002	Tanya Frances Aplin, BA LLB (Murdoch), BCL DPhil
	(Oxon)
1994-2004	Rachel Clare Murray, MA VetMB (Cantab)
2000-2004	Steven Padley, PhD (Cantab) BA (Open) MA (Sheffield)
2000-2004	Luke Alexander Thurston, BA (Oxon) MA PhD (Kent)

2001-2004 2001-2004	James Maximilian Suzman, MA (St Andrews) PhD (Edin) Rebecca Ann Williams, BA BCL (Oxon) PhD (Birm)
2002-2004	Arnab Bhattacharjee BStat MStat PhD (Calcutta) PhD (Mumbai)
2004	William O'Reilly, BA (Galway) DPhil (Oxon)
2004-2005	Edouard Challe, BA PhD (Paris)
1997-2005	Ian Geoffrey Parkin, MBChB (Aberdeen)
1998-2005	Julia Mary Davies, BSc (Swansea) PhD (Liv)
2000-2005	Paul Smith, MA MEng PhD (Cantab)
2004-2006	Michael John Harbottle, DPhil MEng (Oxon)
2001-2006	Marko Attila Hoare, MA (Cantab) MA MPhil PhD (Yale)
2003-2007	Tracy Kristine Dennison, MPhil (Oxon) PhD (Cantab)
2003-2007	David Spike Palfrey, MA PhD (Cantab)
2004-2007	Giacomo Macola, Laurea in Storia (Pisa) Diploma di
	Maturitá Scientifica (Paris) PhD (Lond)
1996-2008	Eugenio Federico Biagini, PhD (Pisa)
2005-2008	Christos Nicholaos Markides, MEng PhD (Cantab)
2006-2008	Nelson Jose Godinho Nunes, Licentciatura (Lisbon) DPhil
	(Sussex)
2002-2008	Ben Crewe, BA PhD (Cantab) MSc (LSE)
2008	Jan Jürjens, Diplom (Bremen), PhD (Oxon)
1985-2009	Jacqueline Gay Meeks, MA (Oxon) PhD (Edin)
1990-2009	Christopher Edward Ward, BEd (Lond) MA (Lanc &
	Cantab) PhD (Essex)
2005-2009	Miriam Teschl, MA (Graz) MPhil (UEA) DEA PhD (Aix
	Marseilles)
1989-2011	Saskia Monique Murk Jansen, MA PhD (Cantab)
2003-2011	Maggi Eleanor Dawn, MA PhD (Cantab)
2005-2011	Timofei Yurievich Dokchitser, MA (Cantab) MSc (Lund)
	PhD (Utrecht)
2005-2012	Isabella Alexander, BA LLB (Nat Uni of Aus), PhD
	(Cantab) Solicitor of the Supreme Court of New South
2007 2012	Wales, Australia
2005-2012	Markus Gehring, LLM (Yale) PhD (Hamburg) MA
2005 2012	(Cantab)
2005-2012	Michael Dominic Hurley, MA (St Andrews) PhD (Cantab)
2007-2012	Francis David Pope, MChem (Leeds) PhD (Bristol) MA (Cantab)
2006-2012	Christophe Salvat, PhD (Lyon) MA (Cantab)
2010-2013	Ulrike Bauer, Dipl Biol (Würzburg) PhD (Cantab)
2008-2013	Nicolette Mei Mei Chan, BSc (Hons) (Hong Kong) PhD
	(Cantab) (2012)

2007-2013	Ruth Jane Prince, BSc (Oxon) MSc (Lond) PhD
	(Copenhagen)
2008-2014	Sandra Irene Smith, BA (Long Island) MA (Sorbonne &
	New York) MA (Cantab)
2009-2014	Mark Gerard Hayes, MA (Cantab) PhD (Sunderland)
	(deceased 15 December 2019)
2012-2014	Kendra Strauss, BA (McGill, Montreal, Canada) MSc DPhil
	(Oxon)
2004-2017	Helen Elizabeth Cornish, BSc (Reading) MA (Cantab)
2005-2017	Alastair Richard Beresford, MA PhD (Cantab)
2012-2017	Alex Weibin Chin, BA (Hons) MA PhD (Cantab)
2014-2017	Helen Catherine Leggett MBiolSci (Sheffield) DPhil
	(Exeter & Oxon)
2007-2018	Elisabete Manuela Alves da Silva, MA (Lisbon) PhD
2007 2010	(UMASS) MA (Cantab)
2014-2018	Charlotte Lemanski, BA (Hons) (Durham) MSc (LSE) DPhil
2011 2010	(Oxon)
2009-2019	Martin John Reavley, BA MA (Cantab)
2017-2019	
2017-2019	James Alexander Glister, BA (Cantab) MA PGCE (Durham)
2007 2021	PhD (Cantab)
2007-2021	Holly Hedgeland BA MSci PhD (Cantab)
2012-2021	Sarah Marjorie Savage Pearsall, BA (Yale) MA (Cantab) PhD
	(Harvard)
2018-2021	Lucia Rubinelli BA (Trieste), MSc (LES), MA (EHESS,
	Paris), PhD (Cantab)
2019-2021	Zhi Chen BS (Huazhong, China) BEng (Birmingham) PhD
	(Cantab)

## Senior Members (a) Visiting Fellows 1977 - 97

- 1977 Professor M Agari, University of Kumamoto, Japan (English)
- 1978 Professor H M Räisanen, University of Helsinki, Finland (Theology)
- 1979 Dr S Iijima (now a Research Physicist, NEC Corporation, R&D Group), Japan
- 1981 Professor L W Conolly BA PhD (Swansea) MA (McMaster) DLitt (Swansea), Hon DLitt (Guelph, ON, Canada) FRSC FRSA (now an Honorary Fellow)
- 1981 Professor L F Lindoy, University of Sydney, Australia (Chemistry)
- 1982 Professor Alexander Donnachie, Daresbury Nuclear Physics Laboratories, UK
- 1983 Professor D Ginsburg, Technion, Israel Institute of Technology, Haifa, Israel (Chemistry)

- 1990 Professor J V Leatt, University of Cape Town, South Africa (Social Ethics)
- 1992 Professor T H B Symons, Vanier Professor of Trent University, Canada (History)(deceased 1 January 2021)
- 1997 Professor C D Garner, University of Manchester (Chemistry)
- 1997 Professor T Mori (now R&D, Ryobi Ltd, Tokyo), Japan

#### **Former Chaplains**

1977-79	The Revd W David Stacey, MA (Birmingham) PhD (Bristol)
1979–84	The Revd John H Grice, MA (Cantab)
1984-87	The Revd David G Cornick, MA (Oxon) BD PhD (Lond)
1987–92	The Revd Robert C Evans, MA (Cantab)
1992–98	The Revd Roger D Greeves, MA (Dublin & Cantab)
1998-2003	The Revd Hugh D Shilson-Thomas, BA (Oxon) MA (Lond)
2003	The Revd Annabel Shilson-Thomas, BA (Oxon)
2003-2011	The Revd Dr Maggi Eleanor Dawn, MA PhD (Cantab)

#### Senior Members (b)

Professor Peng Yoke Ho (deceased 18 October 2014) Mr Peter Hornby Professor Sheung Wai Tam OBE (deceased 1 January 2021) Mrs Susanna M West Yates Lady Elfreida Lewis The Revd Dr Simon Perry (Chaplain) Lady Sally Williams

#### Senior Members (c)(i)

Dr Topun Austin		
Professor Barry Ball		
Dr Mark D Billinge		
Ms Caroline A Brown		
Ms Judith A Brown		
Mr Simon Brown		
Ms Joan Bullock-Anderson		
Dr Florencia Cano		
Dr Viviane Carvalho da Annunciação		
Mr Victor Chu		
Professor Douglas J Crawford-Brown		

Dr Christopher Cullen Dr Leighton G Dann Professor Thomas R Dening Dr Antonie Doležalová Mr John Dunn Mr Chris M Elliott Miss Katherine Fitton Dr Gerald M Gifford, FRCM, Dr Joan Greatrex Professor Isabella Gualandri Revd Dr Boris Gunjevic

- Professor Christopher Hall Mrs Jo Hawtrev-Woore Dr Warren A Hunt Jr Dr Weslie R Janeway The Rev'd Dr Sebastian Kim Professor Ioannis Kontoyiannis Dr Mark Lillicrap Mr D R Adrian Lloyd-Edwards Professor Mei Jianjun Mrs Irena Milloy Professor Anthony S Milton Mr John P C Moffett Professor Vittorio Montemaggi Dr Anthony C Palmer Dr Grace E Parker Professor Jorwerth J Prothero
- Miss Lesley Read Dr Lotte Reinbold Dr Lucy Rhymer Dr Judith Richards Professor John Rink Professor Elaine Scarry Professor Susan Sellers Dr Len Shapiro Dr Teresa Shawcross Dr Anna Slobodová Dr Christine R Stopp Professor Jean-Claude Thiolier Professor Serge Thomas Mr Dominic Vergine Dr Robert Douglas Weatherley

#### Senior Members (Teaching) (c)(iii)

Dr Bristi Basu Ms Sheila Bennett Dr Adam Chesters Dr H Christopher Dr Leighton G Dann (also Senior Member c(i)) Dr Graham Denyer-Willis Dr William Foster Dr Justin Gerlach Dr Mia Gray Dr Gavin Jarvis Professor Anthony S Milton (also Senior Member c(i)) Dr Rathin Pujari Dr Richard Odle Dr Robyn Sorensen Dr Catherine Sumnall Dr Gareth Taylor

#### The College Officers 2021-2022

Sir R Heaton KCB (Warden) Ms F Brockbank (Finance Bursar) Professor A Dawar (Deputy Warden) Dr D A Woodman (Senior Tutor)

## Undergraduate Tutors 2021-2022

Dr S Annett Dr K Chalut Dr E Freer Dr B Guy Dr N Krishnan Dr M E McDonald The Revd Dr S Perry Dr E K Price Dr K Röder Dr R W Sharp Dr J R Thurlow Dr C D Warner

## **Admissions Tutor**

Dr S Annett and Dr H Hedgeland

## **Deputy Senior Tutor**

Dr P Griffiths

## Women's Tutor

Dr E Rawlinson-Mills

## Graduate Tutors 2020-2021

Dr P Griffiths Dr S Hogarth Dr G A C Jones Dr B McCabe Professor J E Smith Dr J T Tiffert Dr D A Woodman

## Financial Tutor 2021-2022

Wg Cdr P D G Milloy

## Praelector 2021-2022

Dr J R Thurlow

## Fellow Librarian 2021-2022

Professor P Kornicki

#### Fellows' Steward 2021-2022

Professor J E Page

## Chaplain 2021-2022

The Rev Dr S Perry

#### Secretary to the College Council 2021-2022

Mr N S L Milne

#### **Teaching Fellows (other than Directors of Studies) for 2021-2022**

Dr K Chalut (NST Physical) Dr M Elshafie (Engineering) Professor C F Forsyth (Law) Dr G A Jones (Engineering) Professor R Kirkpatrick (English and MML) Professor R C Love (Anglo, Saxon, Norse & Celtic) Dr C Milo (Law) Dr J T Tiffert (Medicine) Dr P Griffiths (Physical Chemistry) Dr H Hedgeland (Physics) Mrs C E Latham (Veterinary Medicine) Dr A Markaki (Engineering) Dr K Röder (Chemistry) Dr M Simpson (Philosophy)

## Directors of Studies (other than Fellows) for 2021-2022

Dr T Biberauer (Linguistics) Dr N Ganany (Asian & Middle Eastern Studies) Dr M Kim (Economics) Dr M Magalhaes-Wallace (Social Anthropology) Dr D Margócsy (Natural Sciences – Physical) Dr V Montemaggi (Theology) Dr F Moore (Geography) Dr J Munns (History of Art) Dr R Omitowoju (Classics) Dr E Pomeroy (Biological Anthropology) Dr M Tuck (Architecture) Dr C Wilkinson (English)

## **Junior Members**

## **Research Students**

#### 2015

Mr J C Jarman

Miss O Razuvayevskaya

#### 2016

Mrs S Del Valle Casals Mr H D Hanley Mr D Simatos Mr S E Spasov Mr K Zach

## 2017

Mr R Carey Dr N D Deakin Mr N Devlin Mr E J Eggum Miss A Ellis Mrs M Flores Mr D-B Grys Mr R Hobbs Mr J Hutchings Mr G Kimbell

## Mr J Mavračić Mr A McLean Mr A Naydenov Mr M M Santos Miss J C Schuster Mr T Southern Mr J S Van Wyk Mr J E Vereycken Ms M C Vinciguerra

Ms K M L Mackinlay

#### 2018

Mr T S J Burger	Miss C C Newton
Mr A J Grafton	Miss M K Parker
Mr A Gundimeda	Ms A N Randal
Mr A Harris	Mr T Sauvey
Mr C Humphreys	Mr R Singh
Ms C Jakobson	Dr R Sinharay
Mr B M H Jarman	Mr S A Victor
Mr S Kallevik Nielsen	Mr W Xie
Dr J S Lee	Dr C S S Yong
Mr A P McCormack	

#### 2019

Mr S Ahmed Mr S Amar Setti Miss E Bondareva Miss M E Brace Miss C Candiotto Mr S T Day Mr N Dilucia Mr Z Fang Miss K A W Gibson Mr M Hambrook Mr M Harland Mr M J Jennings Mr V Kannan Mr M Kempton Ms A Khakoo Mr Y Li Miss S-T Lin

Ms A McBain Mrs C Medina Mr S Mital Miss T Moiseanu Ms U Parashar Mr B Platt Mr A Prasad Mr R Rajan Mr M A A-M M Sarkar Miss E Schaefer Mr Z Sun Mr A M I Tamboli Miss C Thompson Miss A L Tuson Mr M W H Wang Ms A Zvolikevych

#### 2020

Miss T Akingbade Miss S S Al-Nahyan Mr N Cain Dr R Chand Mr P Chansongkrow Miss Y Chen Mr L Coles Mr B Constant Mr E Fertan Mr A Fisher Mr A Giritlioglu Ms S Gustafson Mr L Huysmans Ms A Kossifos Mr T Kreuz Mr J Lewis

Miss X Liu Mr A Makhlouf Miss M Maristany Miss E Nichols Ms Pearl Phaovisaid Mr Y Qin Miss L Rossi Miss A Smith Miss G Symons Mr A W Tadbier Miss I Thelwall Mr J Wexler Miss Y Wu Mr D Young Ms A Agle Mr E-A Ahmed Mr C O Amos-Ejesi Mr C Arcila Barrera Mr C D Arnet Mr T B Ashworth Mr M A Aspe De La Rosa Mr G Bailey Mr M Baker Mrs C E Ball Mr Y Bao Mr O Barnfather Miss K V Beckwith Mr W R Bell Miss L C Bennetts Mr R R Bhirani Miss L Blake Mr D Bonello Miss D Brooks Mr J A J Budworth Mr R J Carmona Aldunate Mr M Champion Mrs V E Chapplow Mr D Chen Miss J Chen Mr N Cheng Mr H W Cheston Ms M E Childe Mr C L C Chong Mr C Clarke Mr C M Cotzias Mr M Cox Mr T Crawford Mr A J David Mr W Davis Mr T De Wilton Ms I Duta Mr M G Ellis Mr I Erriest Mr M Fairhurst Miss Y Feng

Ms A Fill Ms R N Forster Mr M C Fraser Miss M Fumarola Mr P Fvtas Mr A Gaisin Mr C J R Gower Miss X Guo Miss R Hajirasouli Mr N T Haralambous Mrs M Henderson Mr S B Herath Mr T E Hewitt Miss E E Howcroft-Chipe Mr S Husain Dr T Ibn-Mohammed Mrs A Ilvas Mr P Ioannou Mr Y Ji Miss A A Johnson Mrs M Jones Ms R Jones Ms M S Karan Mr X Ke Lin Miss M Khalid Miss C Kienast Von Einem Miss S J Kissovsky Mr O L Kuendig Miss S M Kulkarni Mr T D Kunorubwe Miss L S Kuttig Ms K E Lafountain Mr H Y J Lam Miss A E R Lance Miss C Langlois Mr L S Langosco di Langosco Mr K C K Lau Mr D S R Lee Mr J S Lee Miss Z Li

Ms L Liu Mr K Ma Mrs R S M Makumbe Miss S Matijevic Ms H E Mc Govern Mr D R C McFadyen Mr W C McGough Mr S Mesham Mr A V Mithal Mrs J Mosely Mr A D C Myhill Miss H Navaratnam Mr T Ngwenya Mr A-V Niculae Mr T Niesslein Mr M Nomoto Ms L Oades Mr T Pagett-Wright Miss L Parmar Mrs C Pearson Mr A Perez Garcia Mr A J Pineda Mr T G Porter Mr J Portier Ms A Puente Montes Mr S Rathke Miss A Ruane Mrs A N Sarokin

Ms Y G Savova Mr P D Scala Miss S Seifouri Ms K Sporn Ms J Stachyra Miss S Stephenson Mr R P Suchak Mr W Sun Mr M Supramaniam Mr N P Swallow Mr G Tait Ms L N N Tan Ms H Tran Ms A Turnsek Ms L Wang Miss Y Wang Mr K Wilson Miss Y Wu Mr W Xu Mr J Yang Mr S-T Yang Mr Y Y Yau Ms M G Yazdani Ms B Zhang Miss X Zhang Mr Y Zhang Mr A Zuo

#### 2022

Dr C A Bannon Mr H C Francis Mr Q Gu Mr J A James Mr J A McCann Miss S Mohinta

2023

## Mr E A Munro

#### Undergraduates

#### 2017

Miss M J Chia

Mr L J W Fernandes

#### 2018

Miss S Arora Miss F Balmer Miss Y Broersma Lamouini Mr J W Brown Mr R J Brown Mr G E Cook Miss S Cooke Mr M Cummins Miss Y Deng Mr E J Edmans Mr R P English Mr E Farrell Mr B Ficiu Miss C Golby Miss Y Han Mr O Harris Mr Y Huang Miss Y Jia Mr L Jiao Mr B Jones Mr R Kawagishi Mr H Lambert Mr D Lappin

Miss A Le Miss A Lee Miss Y Li Mr H Mallinson Mr J Meadows Mr J I Mitchell Mr S P Mitchell Mr C J Preston Mr G T Pugh Mr C Ou Mr J Rowe Mr R G Salvia Miss A Sayles Mr T Sherman Mr P P Singh Ms H Sutton Mr H H Tam Mr J D Thornton Mr M Turner Mr C Wang Mr J Wang Mr Z X Wang Mr D M T Winter Miss T K Abass Mr S Aiyar-Majeed Mr C Ashworth Mr J R Atkins Mr M J Babar Miss E H Bagley Mr T Bansal Mr O Bennett Miss E Bird Miss L Bland Mr H Browne Miss E Budgen Mr I Caikovskis Mr Z Cao Ms E G Capbun Mr S Carandini Mr E A Chamberlain Mr A C Clamp Ms Z L Clarke Mr M Cleaver Mr P Connolly Mr R P B Cons Miss C Dauris Ms C de Greef Limia Mr S D L DeMarco Mr A Dembi Mr S Dench Miss M Dharampal -Hornby Miss A Drake Miss H K Edwards Mr F A Enslin Mr G Evans Mr S Evans Mr M Fryer Miss C M Funnell Miss J H Gada Mr V Giles Mr C J Grieve Miss E O Harpaz -Joralemon Miss C Harris

Mr E Hayden-Briffett Mr T He Mr M J Heaney Mr H C Hewett Mr C Hobbis Miss A Jain Mr J O Jones Miss A V A Jupp Miss J A L Kennedy Mr J T Kim Miss S C Kjeldbjerg Mr Z W P Kooros Mr J J Kozlik Mr S Kurass Mr J W K Lawrence Mr T H Lemans Miss I J E Letellier Mr R Li Ms A R Lindsay Miss E A Lineham Miss Z Liu Miss I M Lovegrove Mr D Luo Miss L MacDougall Mr S H X Mai Mr L Marini Mr J R McKenzie Miss F Miller Miss Z Mody Miss E L Morley Mr A Nandakumar Mr B K Norris Mr A P O'Hagan Ms R N Orrell H L Patankar Mr A A Patel Miss K E J Pendlebury Mr A Prabhakaran Miss C Oian Miss A Raja

Miss G S C Reed Mr E J Roberts Mr B O Ross Russell Miss A Rothwell Miss K M Rvall Mr G I H Scourfield Miss V Shah Mr M Simmonds Mr K Sivakumar Mr A-L Stefanescu Mr M T Stevens Miss S T J Stevens Mr C M Symes Miss E A Temmink Miss D J Thomas Mr M S A Treasure Mr S G Ulvsgaard

Mr P Verity Mr G Vines Miss H Walters Miss D A Wan Mr V Wang Mr B P C Warren Miss L Williams Mr S C Williams Mr M G E Willis Miss A J Wilson Mr J Wood Mr C Yacoumatos Mr W Yao Mr R I Yesudian Mr B Zhang Miss X Zhang Miss H Zhao

#### 2020

Mr G Abashin Miss A Abdi Mr M J Ahmed Mr D Ashraf Mr E Barlow Miss H Beresford Mr C T A M Bourne Mr P L Briginshaw Miss I K Burns Mr H Butler Mr J Calderbank Mr J A Carson Mr V Christodoulou Mr A P Clark Miss I Cope Miss S Cordara Miss C Cox Mr C I Cox Mr D E Coxon Mr J N Cronk Miss G Cunningham Mr C G Curtis

Miss C O Dargan Miss S T G Dempsev Miss H A Dorussen Mr A Droppa Mr Y Du Miss C Duckett Miss T S Ellahi Miss P Elliott Mr D Evans Miss N A E Ewins Mr J Gammell Mr L J Gibbard Miss E Gilbertson Miss M K Green Mr D G Greenshields Mr C Halahakoon Miss A Hawken Mr M Hergul Miss I Hill Mr O Hilton Miss S K Howarth Miss S R Howes

Miss L Hull Mr J D Iddon Miss E R Isaacs Mr A Ivanov Miss O J Kaine-Ejimogu Mr K Kang Miss S L Kasas Mr E Kellv Miss T Kellv Mr J S P Kenth Mr M Khawaja Miss C Khullar Miss L E Kimmins Mr T E F Langford Mr K T Y Lee Miss K L Li Miss M Li Miss X Li Mr A M J Loan Mr T Lvra de Farias Miss N Macken Mr N P R Madhan Mohan Mr L Manivannan Miss G E Manning Mr M Manthios Miss M Mattich Mr M Mgeladze-Arciuch Mr J Millar Mr C J Mitchell Mr A O Mohamud Mr O Muirhead Mr S Nagalotimath Miss J J Nathan Mr J J F Nesbit Mr M H B Oakes Mr J Oboril Mr C P Ormsby

Miss J K Padda Mr B L K Philomin Mr A L Pullin Mr Y Oiu Mr Dl Roffey Mr T S Sabharwal Miss T S K Sandhu Miss K Shah Mr H M Silaghi Mr J D Sim Mr I D L Simmonds-Douglas Mr S Singh Mr G A C Sivarajan Mr J K Skinner Miss E Smyth Mr J Snell Mr S J Stern Mr D Stewart Mr B Su Ms E Sullivan Miss C I Taylor Miss S H Taylor Mr G Toumbas Mr R Tucci Mr O Udy Mr D Vlasits Miss C E J Vyvyan Mr J H Wainwright Mr S E Wallis-Riches Mr Y Wan Mr B Wang Miss C M Wilson Miss I M Winter Mr C H Wong Miss C Yao Mr Z Zhong

Mr A Ahmed Nur Mr H F T Arbuthnott Miss Z Artun Ms C Asano Mx E Ashmore Mr M Avevor Miss Z Badmus Mr J Barnes Mr O S Basquette Mr B Blunt Mr D Brown Moreno Mr K N Buzza Miss L E Carter Ms S Y Charles Mr A Chen Mr R Chen Miss A J Chowdhury Miss N F C Chung Mr E Clack Mr Z Clark-El Saved Mr J Clifford Mr B A W Cole Mr G A Cox Miss Z L Crapper Mr W L Crossman Miss E Cumming Mr A P Curran Miss J M Cyffin-Jones Miss C Dale Mr L F C De Neve Miss P Deller Miss I G Dempsey Miss Y Deng Mr L A J Dessalles Mr F M J Dobbs Mr P G Dohle Miss L Domfe Mr X Dong Mr A Dowdell-Stent Miss M Duer Mr J Ellis Mr M A A Entwisle

Miss F O Falayi Mr J Fan Mr J M Fidler Miss N V E Fordham Mr M Gabrysiak Ms I A Giles Mr Z Gong Mr Z Gong Mr J Gryko Mr C Hancock Miss A E Harrison Mr A J L Harrold Mr M C Harvey Mr T S C Hatcher Mr J P Hellman Miss N S Howat Miss M Jia Miss Z I Johnston Miss P Kalairajah Mr S S Karim Miss M J Kemble Miss Z F Lancaster Mr L J Lau Mr H Lawes Mr J Lawrence Mr N T R Lindsev Miss P F Linneker Miss P Mam Mr M Mason Ms H Massood Mr T L May Miss I M Mayes Miss J Y McEvoy Mr I Miller Mr B Morris Miss S Niazi Mr J A Norman Miss E O'Brien Ms J O'Flaherty Mr O T Perkins Mr S-A Pitur Mr F L R Pountney

Mr J Rance Miss K Rawdanowicz Mr A Roger Miss U Roy Mr R Samur Mr I Sandhu Miss R Sandhu Mr A N Shah Mr M Slaney Mr J Song Miss K Stylianou Ms S Tagaeva Miss S T Tahsin Ms A A Taylor Mr F Thomas Miss T K T Tran Mr M J Ungless

Mr F J Upton Miss R Usher Mr J M Verner Mr W Wakefield Mr W T Wakelam Mr B D Walker Mr T Wang Mr J J H Weingard Miss K Willday Mr C Wright Mr L Xin Mr Z Xiong Mr C Yang Mr R Yang Mr S C H Yau Mr S Yong Mr Z Zeng

## Robinson College Alumni and other supporters Privacy Notice.

## How we use your personal information

This statement explains how Robinson College ("we" and "our") handles and uses data we collect (via admissions, event attendance, research and provided first-hand) about alumni and other supporters ("you" and "your"). When referring to 'other supporters,' this includes, but is not limited to corporate partners, event attendees, parents and other families of alumni and students, staff, senior members, Bye-fellows, academics and Fellows, both current and previous. In broad terms, we use your data to manage the ongoing relationship between the College and you as part of our lifelong community of scholars and supporters, including keeping in touch with you, keeping up to date on your achievements, and engaging with you on how you can continue to contribute to College life and otherwise support the College.

The College considers its relationship with its alumni to be a lifelong one and therefore we will retain your data indefinitely or until you request us to do otherwise. When changes are made to this statement, we will publish the updated version to our website and notify you by other communications channels as we deem appropriate or necessary.

The controller for your personal information is Robinson College, Grange Road, Cambridge CB3 9AN. The person responsible for data protection at the time of issue, and the person who is responsible for monitoring compliance with relevant legislation in relation to the protection of personal information, is the College Data Protection Lead (CDPL), (College Steward, Nick Milne, data.protection@robinson.cam.ac.uk).

The legal basis for processing your personal data is that it is necessary for the purposes of our legitimate interests, where we have concluded that our interests do not impact inappropriately on your fundamental rights and freedoms, except where elsewhere in this statement we have indicated otherwise. You may ask us to explain our rationale at any time.

## How your data is used by the College

We collect and process your personal data, as specified below, for a number of purposes, including:

- A. maintaining a formal record of your academic progress and achievements at the College and the University of Cambridge and elsewhere.
- **B.** retaining a formal record of your academic, career or other life achievements in order to promote and improve the reputation of the College and help you to network with other College members effectively.

- **C.** engaging you in College and University events that we believe will be of interest to you, including alumni and open events, volunteering opportunities, and other ways you can contribute to the life of the College:
- D. providing you with information about the development of the College, including major initiatives and programmes relating to either the academic endeavour or the provision of services and facilities to members and the wider public:
- E. encouraging you to make a financial contribution to the College and/or the University, and processing any such contributions:
- F. assessing the likelihood that you will, now or in the future, make a financial contribution (gift) to the College and if so, give an indication of the potential size of the gift
- **G.** Conducting surveys, including research on when and whether particular donations of funding appeals may be of interest to you
- H. Sending you tailored proposals, appeals and requests for donations
- I. Internal record keeping, including the management of any feedback or complaints
- J. Administrative purposes (e.g., in order to process a donation, you have made or to administer an event you have registered for or attended)

Further details are provided in the Annex. If you have concerns or queries about any of these purposes, or how we communicate with you, please contact us at the address given below.

## **Communications**

If you are a new contact for our Development Office, we will ask you at the outset how you would like to receive news and other communications from us. If you are already receiving such communications, you are able to change your preferences (or ask us to send you news and other communications completely) by emailing development-office@robinson.cam.ac.uk. You may request changes at any time.

## How we share your personal data

We believe that most alumni understand in detail the complex and many interactions of the College with the University of Cambridge. Personal data of our members is shared with the University routinely throughout any course of study, and it is our strong preference to continue such collaborative working thereafter. The University and its partners (including the College) have a data-sharing agreement to govern the sharing of personal data of alumni and other supporters. This is necessary because they are distinct legal entities. The agreement outlines that, depending on constraints set by you, and which you may change at any time, the University and College may share any of the above categories of personal data with each other and can be viewed in full at https://www.ois.cam.ac.uk/policies-andprotocols/data-sharing-protocols/view. Any transmission of data to or from the University is managed through agreed processes which comply with UK data protection legislation.

For clarity, the College has a separate database from the University, but has access to the University's database: additionally, we maintain other electronic and paper records.

The University has its own data protection statement and procedures – see: <u>https://www.alumni.cam.ac.uk/data-protection</u>

Additionally, we share data on a considered and confidential basis, where appropriate, with:

- Cambridge in America (the University's affiliate alumni office in the US),
- Other Cambridge Colleges, where alumni or their partners have relationships with more than one College,
- third party agencies who provide us with data in the public domain about alumni and supporters, as outlined above,
- selected companies who provide College-branded or College-endorsed products and services, as outlined above,
- volunteer partners closely related to us (e.g., College trustees, alumni group representatives), and
- contractors providing services to you on our behalf or services to us as outlined above.

We also facilitate communication between individual alumni (of the College or the University), but in doing so we do not release personal contact details without prior permission.

Any transfers of your data overseas or to international organisations, as set out above, are protected either by an adequacy decision by the European Commission or by standard data protection clauses adopted by the European Commission (which are available from our Data Protection Officer) or, before 25 May 2018, by a selfassessment of adequacy.

## Your rights

You have the right: to ask us for access to, rectification or erasure of your data; to restrict processing (pending correction or deletion); to object to communications or direct marketing, and to ask for the transfer of your data electronically to a third party (data portability). Some of these rights are not automatic, and we reserve the right to discuss with you why we might not comply with a request from you to exercise them.

Where you opt out of all future communications or exercise your right to erasure, we will continue to maintain a core set of personal data (name, subject(s), matriculation and graduation details, unique University identification number and date of birth) to ensure we do not contact you inadvertently in future, while still maintaining our record of your academic achievements. We may also need to retain some financial records about you for statutory purposes (e.g., Gift Aid, anti-fraud and accounting matters).

To exercise any of your rights with us, please contact the College Data Protection Lead (CDPL), (College Steward, Nick Milne, <u>data.protection@robinson.cam.ac.uk</u>).

You retain the right at all times to lodge a complaint about our management of your personal data with the Information Commissioner's Office at https://ico.org.uk/concerns/

> Last updated: December 2021 Published: September 2017 Nick Milne, Domestic Bursar Sarah Westwood, Director of Development

# ANNEX

We collect and process your personal data, as specified below, for a number of purposes, including:

A. maintaining a formal record of your academic progress and achievements at the College and the University of Cambridge and elsewhere:

We process personal data (provided by you or by the University of Cambridge, or created by us), including:

- i) your current name and any previous names you have had.
- ii) details of and contact details for family members, including parents and partners
- iii) unique personal identifiers (e.g., student number, CRSID, date of birth, photograph); iii) your current and previous contact details.
- iv) your application details, our assessment of your application and the details of any offer(s) of study we have made; (see Admissions/Tutorial)
- v) records of your academic provision from the College (including supervisions, College examinations and other academic support); (see Tutorial)
- vi) matriculation and graduation details and records of your academic qualifications (including those prior to becoming a member of the College).
- vii) other details of your academic progress or achievement (e.g., College or University awards or prizes).

**B**. retaining a formal record of your academic, career or other life achievements in order to promote and improve the reputation of the College and help you to network with other College members effectively:

We process personal data including:

i) details of your achievements since you completed your course(s) of study; ii) membership of College and external clubs and societies (including alumni groups); iii) your previous and current employment status (including retirement), including job title, sector, income and work contact details, dates of employment.

When you provide this information, we will assume (unless you notify us otherwise) that we can promote these achievements in our public literature and can use this information for other purposes outlined in this statement. We may supplement information from public sources that we consider to be reliable (e.g., your public social media profile(s), Queen's Honours List, Companies House, high-profile news reports or articles) and may check their accuracy with you from time to time.

**C.** engaging you in College and University events that we believe will be of interest to you, including alumni and open events, volunteering opportunities, and other ways you can contribute to the life of the College:

We process personal data (provided by you or by the University of Cambridge, or created by us), including:

- i) known relationships with other members (past or present) of the University of Cambridge or any of the Colleges.
- ii) your previous attendance at College or University events; iii) information about your areas of personal interest; iv) personal data relating to your attendance at events and your personal preferences (e.g., dietary, disability or accommodation requirements or requests).
- iii) records of any communications (verbal or written) we have had with you, including the purpose and outcome of those communications.
- iv) details about your family (e.g., your marital status, the name of your partner/spouse).
- v) your communication preferences, to help us provide tailored and relevant communications.

When you provide this information, we will assume (unless you notify us otherwise) that we can use this information for other purposes outlined in this statement. We may supplement information from other public sources that we consider to be reliable (e.g., your public social media profile(s), University publications, high-profile news reports or articles) and may check their accuracy with you from time to time.

The College also arranges for filming and photography at some of its events for recording and general promotional purposes. We will always

provide the opportunity for guests to opt-out of being featured. Such images are widely used within the College, on the College website and in promotional material and may therefore be on public display.

**D.** providing you with information about the development of the College, including major initiatives and programmes relating to either the academic endeavour or the provision of services and facilities to members and the wider public:

We process personal data (provided by you or by the University of Cambridge, or created by us), including:

i) any communication preferences confirmed by you; ii) ways in which you have supported the College.

By providing us with email addresses and telephone numbers, we have taken this to be consent to use those channels to contact you for this and other purposes outlined in this statement, unless you have outlined to us your preferred communication channels. When you provide this information, we will assume (unless you notify us otherwise) that we can use this information for other purposes outlined in this statement.

E. encouraging you to make a financial contribution to the College and/or the University, and processing any such contributions:

The College's income consists of gifts and benefactions, income derived from prudent investment of any endowment and student fees. We value any financial contribution from our members and, accordingly, process personal data (provided by you or by the University of Cambridge, or created by us), including:

- i. the purposes and amounts of any donations or other support previously provided to the University or the College by you.
- ii. the method(s) of payments used and related payment references.
- iii. your bank details (for processing direct debit or other financial transactions).

iv. your tax status and Gift Aid declaration (the College has a legal obligation to pass the data to HMRC).

Some of this financial information needs to be retained for statutory purposes for a number of years (e.g., Gift Aid, anti-fraud and accounting matters).

**F**. assessing your capacity to and the likelihood that you will, now or in the future, make a financial contribution (gift) to the College:

The College undertakes research to determine your capacity to and the likelihood that you will provide financial support. Financial information and that on the previous giving and the likelihood of further giving is used to enable the College to plan its fundraising approaches in the most appropriate way and to ensure that its fundraising is as effective, respectful and efficient as it can be. This results in us creating personal data including:

- i) financial information relating to you and your family, including.
- ii) your estimated income or asset worth (where this is not provided by you).
- iii) your potential capacity to make a gift, including our internal classification of you as a potential major donor, which is determined by a combination of your giving history, your attendance at College and University events, and your other interactions with the College since you graduated, including any positive or negative indications from you about your capacity or willingness to give to the College.
- iv) gifts you have made to other charitable organisations.
- v) your career highlights and other life achievements.
- vi) our research includes incorporating information from public sources that we consider to be reliable (e.g., your public social media profile(s), Queen's Honours List, Companies House, high-profile news reports or articles).

We use targeted internet searches and may search the following websites (either directly or using

search engines), where relevant in order to obtain and maintain the accuracy of the data listed above:

• Public sources for companies (in order to find personal data of those companies' employees, etc.):

- Companies House and other business-related resources (free and subscription) for the UK
- companies
- US Securities and Exchange Commission for US companies
- Capital IQ (subscription) for international companies
- Company websites
- Public sources for charities (in order to find personal data of those charities' employees, trustees,
- etc., and to find information about donations and support):
- Charity Commission and other internet sources for UK non-profits
- GuideStar US for US non-profits
- Public sources for individuals:
- Who's Who and Debrett's People of Today (subscription)
- Sunday Times Rich List
- Other rich lists, including Forbes Magazine's international rich lists
- 26/08/2021 Data protection statement for alumni and supporters | Alumni
- https://www.alumni.cam.ac.uk/data-protection 3/6
- Property websites
- The Queen's Honours Lists
- National change of address services
- LinkedIn, to check business details
- Press sources:
- Factiva (subscription) for the international press
- Lexis Diligence (subscription) for negative press for due diligence purposes

We may use external contractors or consultants to assist us in this research. Where we do so, any sharing of your personal data is on the strict understanding that they may not repurpose it or pass it on to other third parties. We do not sell your personal data under any circumstances.

G. conducting surveys, including research on when and whether particular donations of funding appeals may be of interest to you.

- The Development Office may from time-to-time send surveys to help refine communications with alumni and other supporters. Participation in the surveys is optional and data provided in the responses will be stored on the department database. The data will usually be collated via a web-based service provider and stored on the database for the lifetime of the record.
- H. sending you tailored proposals, appeals and requests for donations.

• Whilst Robinson has a programme of fundraising which involves mass mailing for general appeals, research will sometimes highlight distinct areas of support that will appeal to particular individuals. Data held on individual records will help to identify such individuals and ensure that they are sent appropriate requests for support.

I. internal record keeping, including the management of any feedback or complaints. In order to provide a professional service to alumni and other supporters, Robinson will store information regarding feedback and complaints, including any actions taken in response to these communications, and this information will be held for the lifetime of the record.

J. administrative purposes (e.g., in order to process a donation, you have made or to administer an event you have registered for or attended)

• We may need to retain some financial records about you for statutory purposes (e.g., Gift Aid, anti-fraud, banking and accounting matters)

If you have concerns or queries about any of these purposes, or how we communicate with you, please contact us.

# THE ROBINSON COLLEGE RECORD

# ALUMNI NEWS

NAME:
MATRICULATION YEAR:
ADDRESS:
POSTCODE:
TELEPHONE:
EMAIL:
NEWS: (up to 250 words)
NEWS OF OTHER ALUMNI:

Please tear out and return to:
The Editor
The Robinson College Record
Robinson College
Grange Road
Cambridge
CB3 9AN

Or email <u>development-office@robinson.cam.ac.uk</u>