

The Journal 2023



FITZWILLIAM COLLEGE
UNIVERSITY OF CAMBRIDGE



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THE YEAR IN REVIEW



FROM THE MASTER

I must start with an explanation for the delay with this edition of the *Journal*. As you will read below, the summer of 2023 saw significant disruption to our assessment of student examinations, due to industrial action. This meant that many marks were only confirmed in the Lent term of 2024, and that our internal review of results – and the pleasant task of awarding prizes and awards, which forms an important part of this College publication of record – was unavoidably delayed.

And so, while many of the updates below may be somewhat belated, I hope that they are nonetheless welcome and of interest. This *Journal* will shortly be followed by the 2023/2024 issue at the start of the 2025 Lent term.

The review below combines the various aspects of College life – our outreach and admissions work, our academic performance, a very busy calendar of events, our financial progress, and our estate planning for the next few years. 2022–23 was a successful year, with significant advances in areas identified in our College Plan, set out in 2021. Our finances have stabilised and we have explored opportunities to increase our income whilst continuing to manage our costs carefully; our students are performing well academically and we are offering new ways to support them during their time at Fitz; and our academic community is thriving, boosted by recent funding for Fellowships.

Handwritten signature in blue ink.



Towards the end of 2021, we celebrated a quite exceptional milestone in the Fitzwilliam community – Michael Page has now worked at Fitzwilliam for over 40 years. Known to many generations of Fitz students and staff, Michael joined the College in 1981 and has been Catering High Table Waiter since 2011. Thank you, Michael for your commitment to Fitz and for your diligent hard work over many years.

ADMISSIONS AND OUTREACH

2022–2023 Admissions Round

Fair access to a Cambridge education has been core to Fitz’s identity from our foundation, and we spend significant time and resources each year to ensure both that we are attracting a wide range of candidates and admitting the very best students who apply.

The Office for Students holds responsibility for accrediting Universities, and Fitzwilliam – as part of the wider collegiate University – is required to set stringent targets designed to increase access. We exceed these expectations, whilst also recognising the importance of seeing beyond targets: each student who applies is considered holistically, their achievements to date are viewed in the context of the educational support they have received, and their potential to thrive on our courses is assessed. In 2023, the government decided that the curve by which examinations would be graded should return to that used in 2019, and so Fitzwilliam also returned to our normal ratio of applications/offers: we gave 183 offers (2022: 169; 2021: 168; 2020:184).

In August 2023, the A-level results UK-wide were substantially lower than in 2022, and of a similar level to those in 2019. While this drop was anticipated, it was concerning to note that those candidates with widening participation ‘flags’ (geodemographic data which indicates that a candidate is resident in a less advantaged socio-economic area, or one of low participation in higher education), were more likely than in 2019 to miss their offers. This was particularly the case in social sciences and arts subjects, where there was a clear correlation between schools who had struggled to support pupils during the pandemic and lower grades. Significant work happens in August to review these ‘near misses’ and following review, 30 candidates were reprieved (2022: 11; 2021: 7). The proportion of home students from State Maintained schools taking up their places was 82.9%. Among them, 44% possessed at least one of the ‘widening participation’ flags we employ. Additionally, 12% (in comparison to 10% in 2022, 15% in 2021, and 14.4% in 2020) were from areas falling within POLAR4 quintiles 1 and 2, representing regions with a relatively low percentage of 18-year-olds pursuing higher education. Furthermore, 21.3% (compared to 29.1% in 2022, 22.1% in 2021, and 20.8% in 2020) came from areas classified within quintiles 1 and 2 of the Index of Multiple Deprivation (IMD), and 19.3% (versus 20.5% in 2022, 25.7% in 2021, and 20% in 2020) had Output Area Classification (OAC) flags. The College’s unwavering commitment to widening participation aligns with our founding mission and has resulted in the admission of numerous students from

diverse backgrounds who have achieved remarkable success at the University.

Outreach

Our outreach work focuses increasingly on encouraging potential applicants, both through targeted initiatives to reach underrepresented or marginalised groups and wider events open to all candidates and their supporters. In 2022–2023, 50 events were hosted at the College, with 2,200 pupils visiting from over 200 schools. Our Schools’ Liaison Officer undertook visits to a further 29 schools in our links areas of Cumbria, Cheshire, and Hammersmith & Fulham; and an additional 900 students were supported via online events and programmes. In total, we estimate the number of pupils contacted by our Outreach team to be around 5,700.

Particular focus is given to spotlighting those courses which receive proportionately fewer applications, or see lower application rates from specific groups (e.g. state school students; women in STEM). We are also developing a regional strategy for the North West, to ensure that we increase applications from areas of the country outside London and the South East.

Alongside our targeted outreach work, our Open Days remain a huge draw. In Summer 2022, 740 prospective candidates visited us, of which, roughly 23% applied in the 2022–2023 entry round.

STEM SMART initiative

STEM SMART (Subject Mastery and Attainment Raising Tuition), run in association with Isaac Physics, is now in its second iteration. It aims at students of educational disadvantage or those who are statistically less likely to progress to higher education who wish to apply to Engineering, Physical Sciences, Biological and Earth sciences courses. The 17-month course runs alongside the participants’ school work, increasing attainment and building confidence in these subject areas. The scheme also includes a residential for students who have actively engaged in the first phase of the course, and small-group tutorials support students in gaining the grades they need to progress to university. The scheme is highly successful and Fitzwilliam hosted a residential for participants in August 2023.

Foundation Year

The Foundation Year (FY) is now into its second year of admissions, with the deadline for applications falling in January 2023, to align with the normal UCAS deadline for universities other than Oxbridge. The subjects covered by the FY at the moment include arts and social sciences, with some restrictions on the courses that those students who proceed to Tripos can undertake



Above: **Dr Owen** looks on proudly as students proceed to their degree ceremony at Senate House.

Below: The **2022-23 intake of Foundation Year students** pictured at the start of their first week, during their orientation sessions, which were held at Fitzwilliam.

Bottom: **Full-time and part-time postgraduate students** enjoy the evening sunshine at their July BBQ.



The University has full funding to cover the costs of delivering this residential course free of charge to all participants for a pilot phase of five years. The cohort is targeted to be fifty, spread across ten colleges. The entry requirement is the equivalent of 120 in UCAS tariff points (equivalent to BBB). It should be stressed that the function of the FY is to enable candidates who have experienced significant educational disadvantage, to build the skills and academic foundations to enter the first year of one of our Tripos subjects and to thrive. Candidates have to perform to an appropriate level in the FY (and demonstrate aptitude in their chosen subject) in order to proceed to the next stage.

Postgraduate Admissions

Almost half of the Fitzwilliam student body is made up of postgraduate students, but the admissions landscape and route by which students arrive at Fitz is quite different to that of undergraduate admissions. At undergraduate level, we have developed a well-understood and straightforward Fitz identity and students who apply to us for their first degree have usually undertaken some research into their college choice, have visited, or have participated in one of our outreach programmes.

For most postgraduates this Fitz identity is less visible and relevant to their application: most prioritise sources of funding (in which we are limited), place a greater importance on facilities and location than most undergraduates, and a sizable proportion do not consider the role a College will play in their Cambridge experience until quite late in the application process. We are developing communication strategies to target potential postgraduate students: Fitz has more postgraduate accommodation than most, and great facilities, so it is vital that applicants are informed of this regularly and early in their application process.

For postgraduate admissions, the College made a total of 317 offers (of which 212 were for Masters courses, 83 for PhD/MRES, and 16 for clinical medicine/veterinary studies) in the academic year 2022–2023. Of these offers, 175 students accepted their places (of which 120 were for Masters courses, 34 for PhDs, and 16 for clinical medicine/veterinary studies). Postgraduate applicants to Cambridge apply directly to Departments and Faculties, with the option of naming one or two preferred colleges. Among the 293 applicants who accepted offers at Fitzwilliam in 2023, 52 (34 Masters and 18 PhDs) named the College as their first choice, and 26 (18 Masters and 8 PhDs) named it as their second choice. Additionally, the College welcomed 55 new part-time MSt students.

ACADEMIC PERFORMANCE

The Marking Boycott

Acquiring examination results has been unusually challenging this year on account of the 2023 Marking and Assessment Boycott (<https://www.cam.ac.uk/news/a-joint-statement-from-the-university-and-the-cambridge-ucu-on-the-marking-and-assessment-boycott>), with departments delayed in their publication of results, some well into the 2023–2024 academic year. Indeed, it is this late publication, along with the subsequent late awarding of College prizes and scholarships which has led to the late publication of the *Journal* this year. For students graduating this has meant a delay to confirmed results, and a challenging conclusion to a degree already affected by the uncertainty of the pandemic. Where possible, we have mitigated this delay to approved results through supporting letters and references from the College.

Results and performance

With the final confirmation of Tripos in early 2024, we can confirm now that Fitzwilliam students achieved a total of 128 First-Class Honours and Passes with Distinction in the 2023 Tripos examinations. This matches the 128 achieved in 2022, the highest ever recorded for the College, and 126 in 2019. In 2023, 83% (81% in 2022) of Fitzwilliam students achieved Good Honours in their Tripos examinations, with around 92% of finalists (90% in 2022) achieving the same.

Postgraduate performance

During the year, 42 doctoral dissertations by Fitzwilliam students were approved for the award of PhD degrees, the titles of which are listed on pp. 34–35. The College awarded 40 College Senior Scholarships to PhD students, and 21 prizes were given to Masters Students who achieved Distinction in exams held in 2022–2023.

New programme in supra-curricular skills

Here at Cambridge we know that our students are exceptionally talented and motivated to succeed in life. But students do not arrive at Fitz with the same educational backgrounds, the same resources and support networks, and, putting it simply, the same preparation for life as an adult. At Fitz we see that this variation is not simply found in one easily-identified demographic, and all students benefit from additional opportunities to develop their skills. FITZ+ will be launched in October 2023 and is an ‘opt-in’ programme of events and opportunities for all 750 Undergraduate & Postgraduate Fitzwilliam students. All students can



Top: Academics from Fitz gather at the rear exit of the **Senate House**, ready to congratulate graduating students.

Middle: Students strike a pose for their graduation photograph, alongside the **Deputy Praelector** and the **Head Porter**.

Bottom: **The Master** has a meeting with **Sarah Anderson**, JCR co-President.

Right: Gathering for **Graduation** photos



attend any session, with some sessions focused more explicitly on the needs of particular cohorts.

The programme will develop the participants' skills in: STUDY (improving their writing, planning, research, public-speaking and presentation); LIFE (managing finances, optimising time-management, relationships, purpose and resilience) and CAREER (building self-knowledge, research, making effective applications, participating in peer and alumni mentoring).

The pilot year's sessions will make use of the broad skillset of Fitz academic and non-academic staff, our alumni and local specialists from within the University. Sessions will include panel discussions, workshops, and bespoke 1-1 interventions with individual students.

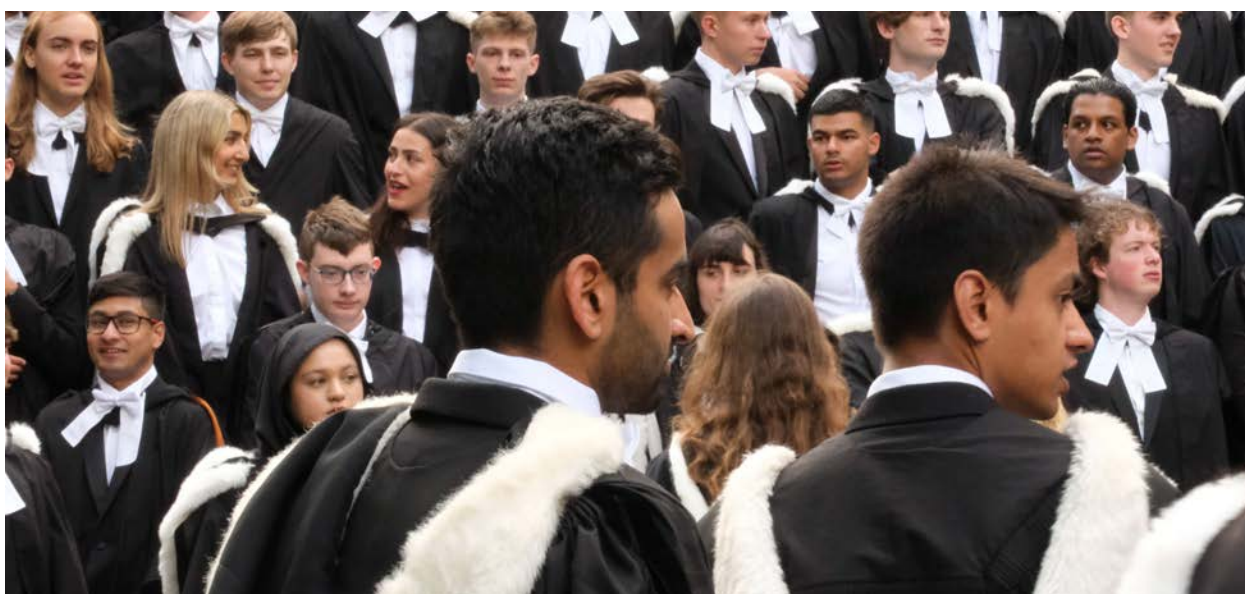
The motivation for FITZ+ is simple: admitting a wide range of students to Fitz ('getting them in') is not sufficient. It is also our responsibility to make sure that students receive support throughout their time at College so that they can 'get on', making the most of the opportunities – academic and extracurricular – building resilience, so that ultimately they can be successful in their lives after Cambridge.

Our students invest a lot of their time, energy and financial resources to undertake a Cambridge degree, and we feel strongly – as does the Office for Students – that it is our responsibility to support them in developing the skills to handle their studies and their working lives with confidence and creativity. As the programme develops in the coming years, we will be asking alumni to participate, particularly in the Career strand.

The Fellowship

Fellows and postgraduates actively contributed to advancing research at the College. In 2022–2023, eight new Fellows and four new Bye-Fellows joined the College, bringing the average totals for the year to 58 and 53, respectively. Additionally, the College appointed 20 Research Associates for the year, along with Research Fellows who formed the Postdoc Society, facilitating social and academic interactions. Two new early-career researchers took up Research Fellowships at the College. The College provided additional resources for four Research Fellows whose principal funding came from a different source, each pursuing significant research at an early stage in their academic careers. The College Teaching Officers ('CTOs') played a vital role in addressing essential teaching needs that could not be met by established University Teaching Officers ('UTOs'). These CTOs were actively involved in both teaching and academic research, supported by research funds and sabbatical leave entitlements. Five CTOs were employed during the year. The College also welcomed academic visitors, including Visiting Fellows, who enriched academic discussions and brought new connections. In the year 2022–2023, three Visiting Fellows were in residence: Dr Robert Perich (Lent 2023), Ms Sarah Rainsford (Michaelmas 2022) and Dr Igor Teslenko.

Sadly, this year also saw the passing of two well-loved members of the Fitz Fellowship: Professor Jim Aitken died tragically young in April 2023, and Dr Geoff Walker in August 2023. Memorials for both were attended by students, alumni and colleagues from across the academic community. They are remembered in detailed obituaries later in this edition of the *Journal* and are missed by our community very much.



TALKS, LECTURES, EXHIBITIONS, PERFORMANCES AND EVENTS

Events are held at Fitz every week throughout the academic year, ranging from informal subject dinners, concerts, alumni and society gatherings, to more formal ‘in conversations’ and lectures.



Top: In October, as part of our **Black History Month** activities, we were delighted to welcome **Gabriella Liandu** to Fitz, to lead a Gospel workshop with the choir – and anyone who wished to join in. Following the workshop Gabriella joined the Master, Sally Morgan, Fitz alumna (and Master of Jesus College) Sonita Alleyne and Fitz student, Tyra Amofah-Akardom in conversation about the importance of role models in professional life.



Middle: Also in October, **Dr Isaias Fanlo**, Lecturer in Modern Iberian Literary and Cultural Studies hosted the poet **C. Dale Young**, who read from his poetry and explored the themes of his collected works.

Bottom: At the start of 2023, the Development Director, Peter O'Connor travelled to Asia and held **alumni events in Hong Kong (left) and Singapore (right)**. As ever, it was great to meet so many members of the global Fitz community, and our thanks go to the alumni who helped organise the events on the ground.





The **2022 Foundation Lecture**, entitled ‘Build Back Fairer: Three challenges to health inequalities’ was delivered on 17 November 2022 by **Sir Michael Marmot**. Sir Michael has been Professor of Epidemiology at UCL since 1985. He is the Advisor to the WHO Director-General, on social determinants in health, in the new WHO Division of Healthier Populations, and is the recipient of the WHO Global Hero Award. Professor Marmot has led research groups on health inequalities for nearly 50 years. He is particularly well known for his ground-breaking reports ‘Fair Society, Healthy Lives’ (February 2010), ‘Health Equity in England: Marmot Review 10 Years On’ (2020), and ‘Build Back Fairer: the Covid Marmot Review’ (2020). In 2000 he was knighted by Her Majesty The Queen, for services to epidemiology and the understanding of health inequalities.

The Lecture was well-attended by members of the College academic community, alumni and a wide range of invited guests working in the healthcare sector. As is customary, the Lecture was followed by the Foundation Dinner, which was a lively and enjoyable occasion.



On 31 October 2022, the **BBC’s East European Correspondent and former Moscow Correspondent Sarah Rainsford (Fitz 1992)** was in conversation with fellow Russianist and former BBC Diplomatic and Moscow Correspondent, the then Master of Peterhouse College, **Bridget Kendall**.

Drawing on their long experience of the region, they discussed the state of the current war that was triggered by President Putin’s invasion of Ukraine in February 2022 and the conflict’s impact on both countries. They also reflected on their personal experiences of working in Russia, how life in the country has changed for journalists – both at home and on assignment – and talked about Sarah’s recent experiences of leaving Russia.



The **Fitz Opera** in March 2023 was Donizetti's *Elixir of Love* and showcased the musical, artistic and set-building talents of over 40 Fitzwilliam students and College staff.

In May 2023 we broke with our usual tradition of holding a **Fitzwilliam Society London Dinner**, and instead held the annual dinner of the Society at Fitzwilliam. It was a very popular event, and it was marvellous to welcome back such a wide range of alumni, from many different year groups back to College. The Society President, **Professor Glen Norcliffe** (bottom left) presided over the dinner, and gave the after-dinner speech.



Sadly, the announcement of the death of HM Queen Elizabeth II had resulted in the postponement of our early September 2022 reunion events, and alumni were instead welcomed back in March 2023. In September 2023 we held our annual **Reunion Weekend**, which was attended by over 250 alumni and their families.





In the summer of 2023 we celebrated **60 Years of Fitzwilliam Architecture** with two key events: the **Wilson Lecture** (23 May) and the launch of two co-ordinated exhibitions, **‘The Lasdun Years’**, and **‘The Architects’ Table’**.

The **Wilson Lecture** was given by **Bob Allies**, on the subject of ‘The Inhabited Wall’ and considered our urban fabric, asking questions of how we have lost it, and why we need it. The Lecture was followed by the opening of the exhibitions and drinks reception, and a celebratory dinner in the magnificent dining hall central to Lasdun’s creation.

Throughout the summer, students, staff, alumni and visitors could tour the exhibitions. The first, **‘The Lasdun Years’**, curated by **Dr John Cleaver**, set out the history of the College’s relationship with the architect, tracing the arc from the site’s history before Fitzwilliam, through Lasdun’s engagement, to the ending of the partnership. The second exhibition, **‘The Architects’ Table’** was curated by **Allies and Morrison**, and introduced a practical, interactive tone with original architects’ models and sketches.

If you would like to view a short ‘tour’ of the exhibition, you can do that here: <https://youtu.be/0fCVKgRHmsQ>



FINANCIAL PERFORMANCE AND FUNDRAISING

Performance

The financial performance to 31st July 2023, highlights that the College returned to a normal operating environment for the first time in three years. The financial activity was set against a background of uncertain economic activity and high inflationary pressure on many costs. For the period, the College recorded income from Total Activity of £14.89 million, expenditure from Total Activity of £13.76 million and a surplus of £1.13 million (2021–22: deficit of £0.10 million), before gain/loss on investments. The figure includes income of £0.92 million from the Colleges' Fund committee, that the College applied to Endowment Activity to the repair the College's Endowment from the negative impact of the pandemic. Unrestricted Activity, which is a more accurate reflection of the College's performance, showed a deficit for the year of £0.06 million (2021–22: deficit of £0.6 million). The College's operating performance for the year highlights that the College continues to balance a prudent approach to expenditure with investing to ensure the sustained growth of our educational mission. The College's total net assets as at 31st July 2023 stood at £154.63 million (2022: £153.19 million). Our investments consist of a Discretionary Investment Portfolio and External Properties. As at 31st July 2023, the value of investments was £96.05 million (2022: £95.10 million). The value of the College's Endowment Reserve as at 31st July 2023 was £77.28 million (2022: £77.57 million) and the value of the Restricted Reserves was £7.13 million (2022: £6.44 million). As a result, the College's 'free' reserves as at 31st July 2023 stood at £11.64 million (2022: £11.13 million). The College's financial position has now stabilised.

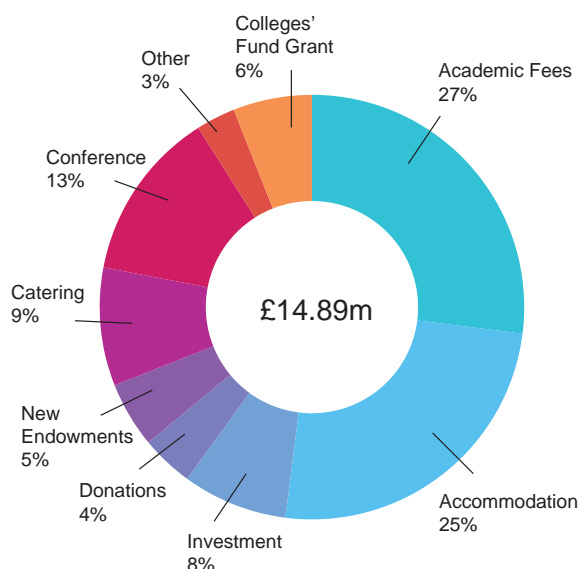
First full year of responsible investment policy

This was the first full year that the College's investments were managed based on its new responsible investment policy that the College approved in October 2021 and implemented in June 2022. Under the new policy the College will not invest its discretionary investment portfolio ('DIP'), valued at approximately £55.16 million as at 31st July 2023, either directly or indirectly in fossil fuels (where 10% or more of the revenue is exposed to the activities), tobacco or defence sectors and will measure its investments against the 'leader' ESG rating ('AAA' or 'AA'). The policy is aligned with the Paris Climate Agreement. The approach was applied to all investment classes during the year except for private equity that will be incorporated into the policy in the short to medium term, as funds are returned to the College. The policy ensures that the College's investments are managed, not just based on their financial performance and value for money, but also in terms of whether they embody the College's social purpose and the example we set as a community to others.

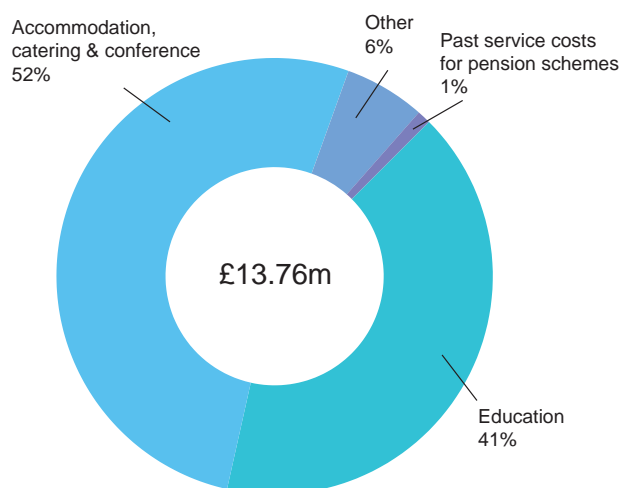
Summer education programmes

During the Summer of 2023, the College ran a pilot commercial online summer school programme with a Chinese private education group. The summer school programme was successful with 111 students participating across nine different Short Courses. Several College Fellows and Bye-Fellows participated in the programme as course instructors, contributing towards its success, with Bye-Fellow Dr Peter Bolgar coordinating the programme. As part of the College's

Income



Expenditure



approach to the programme, the Senior Tutor reviewed the academic content of all the courses to ensure academic integrity.

The College is planning to undertake a residential programme in future years, which would take full control of the programme providing not only an academic programme and accommodation/catering, but also a cultural offer and wellbeing and safeguarding responsibility. The programme would be for students between the age of 16–18 years or above. The approach would be similar to that undertaken by other colleges running similar programmes – e.g. Downing College. The initiative will provide an important source of new income that will help to cross-subsidise the College's educational activity.

Supporting students financially

The total value of financial awards to students in 2022–23 was £1.36 million (2021–22: £1.44 million) and the College's share was 27% of all fee income received (2021–22: 29%). The amount was impacted by the University and College Union's 2023 Marking and Assessment Boycott, which led to only a small number of scholarships being awarded during the year. Outstanding scholarships for the year will be awarded during 2023–24, following the marking of remaining exams in the autumn of 2023. The primary source of funding for undergraduates with limited financial means is the Cambridge Bursary Scheme ('CBS'), jointly operated and funded by the University and the colleges. In the academic year 2022–2023, 147 Fitzwilliam students (comprising 30% of our undergraduates with regulated Home/EU fees) benefited from these awards, amounting to £502,735 (2021–22: £424,053). The College contributed £178,726 directly to this funding, while we received £7,015 from other Colleges in transitional support (2021–22: £3,891). Consequently, the net cost to the College for the Cambridge Scheme in this year was £171,711 (2021–22: £176,151). Additionally, 75 undergraduates received Fitzwilliam College Maintenance Bursaries, totalling £34,900, and 24 students received Goldman Sachs Bursaries, amounting to £28,500. The generosity of our donors has enabled the College, both independently and in collaboration with various University funding initiatives, to provide an increasing number of partially-funded and fully-funded postgraduate scholarships. In the 2022–2023 academic year, support for postgraduate students reached £463,560, encompassing three full-cost Masters Studentships, five full-cost PhD Studentships, three part-cost PhD Studentships, 14 additional part-cost postgraduate scholarships, and 61 Senior

Scholarships. Furthermore, 35 postgraduate students received Maintenance Bursaries totalling £17,850, 15 received PhD Extension Funding amounting to £36,300, and 88 received Research Awards totalling £41,288.

Mitigating the cost of living

During the year all students who were recipients of CBS awards received an additional cost of living bursary of £350 per student, funded by the College at a cost of £55,650.

During the year, all permanent staff were paid at or above a minimum per hour rate of £10.90 to the end of April 2023 and then £11.50 from the beginning of May 2023. The Real Living wage for 2022–23 was £10.90, announced in September 2022. In recognition of the challenging financial circumstances staff members faced, the College paid a flat £1,000 exceptional discretionary cost of living payment and a further 2% discretionary payment (based on an individual's salary), to assist staff members with the 'cost of living' crisis.

Feasibility and planning of new fundraising campaign

Following the successful completion of the 150th Anniversary Campaign in 2019, the College has been consolidating plans for the new phase of growth. As plans for our estates and academic development take shape, the Development office are building resources ahead of the next campaign. Feasibility studies were undertaken in 2022–2023, to assist with the shaping of a new approach to our fundraising activities, developed over the year 2023–2024.

The support of alumni and friends of the College contributed over £1.4 million to the College in the 2022–2023 financial year, enabling the College to continue to provide much of the student financial support referenced above, including vital cost of living support to students, as well as initial work on the College estate, such as the installation of solar panel on auditorium roof. Alumni reunions and events in Cambridge, London, Manchester, New York, Auckland, Hong Kong, Singapore and Bangkok also saw the College continue to strengthen its alumni community, thanking them for their support for the College.

THE COLLEGE ESTATE

A new estate masterplan (the 'Estate Masterplan') for the College was approved by the Governing Body in November 2022, based on a 'step change' strategy. As part of the work, the College commissioned an architectural study by Allies and Morrison of the Main Site that drew on the original Lasdun scheme for the College and at the same time recognised the architectural evolution of the site over the last 60 years.

The Estate Masterplan focuses on: increasing the number of student rooms on the Main Site by up to 120 new rooms; continuing the renovation programme of the Lasdun accommodation and the Central Building; and the intensification of certain External Property sites, which then in turn allows the College to review the size and shape of the External Properties portfolio.

The first phase of the Estate Masterplan is the £10.5m full renovation of M–P Staircases (68 first-year undergraduate rooms) incorporating a new satellite extension to the north of P-Staircase that will provide new student accommodation (17 rooms) and a 'reflection' room, illustrated right. The scheme will incorporate high levels of sustainability with the new extension being designed based on Passivhaus principles. The source of heating for the renovated staircases and the extension will be air source heat pumps and solar panels rather than gas boilers. Completion of the project will lead to all first-year undergraduates being housed in modern renovated ensuite rooms. In addition, the work will make the accommodation more attractive to commercial conference guests and will increase the income the College receives from this activity.

The College has a long-standing commitment to minimising our environmental impact. We signed the Cambridge Climate Change Charter in November 2008 and have in place an Environmental Action Plan covering energy efficiency, carbon emissions, water consumption, waste management and minimisation, purchasing, transport, chemical pollutants and new developments and construction, as well as an Environmental Policy statement.

The College has also adopted a Sustainable Food Policy covering sourcing, purchasing, consumption and waste reduction. In addition, the College operates a programme to offset the carbon emissions stemming from all Fitzwilliam supported travel. Whether in relation to our use of energy sources, where the College purchases 100% of our electricity from renewable sources, to our choices when purchasing appliances or our support of community recycling, every decision in

the College is considered through this lens. As part of the College's ongoing sustainability goals, coupled with our focus on reducing the cost of utilities, the College reroofed the Auditorium in summer 2023, taking the opportunity to improve its thermal envelope and also install approximately 100 solar panels that will provide electricity for the Auditorium and an element of the Gatehouse building.

The College sees the new Estate Masterplan as a key area where our sustainable values will be applied for the long-term benefit of the community as the new plan is implemented. This approach is highlighted in the renovation of M–P Staircases and the extension to P-Staircase as discussed above.





In September 2023, we were excited to unveil the newly refurbished **Coffee Shop and Bar** in the Central Building. This is a key shared facility for students and staff alike, and the reconfiguration of the design – introducing ‘work station’ booths, window seats alongside cosy sofas – was guided by student feedback. The project was funded by **Doug and Rachael Webb**, and we were delighted to welcome them to Fitz at the very start of Michaelmas 2023 to cut the ribbon and officially open the refurbished space.



The Summer of 2023 was a busy one on site and alongside the Coffee Shop project, our Estates team managed **the installation of solar panels onto the roof of the Auditorium**. At a time when we are all very aware of energy costs – and the need to find more sustainable long-term solutions – 100 solar panels are a vital new addition. And of course, no maintenance project would be complete without the Master, Bursar and our Estates Manager, Julian Eddy, posing in a Fitz hard hat...



Renovation of M-P & Extension to P Staircase

Over 5-7 years we will implement a 'step change' Estate Masterplan providing modern accommodation to attract and support students, to enable us to decarbonise our estate and to allow us to grow our conference activity.

- 80 full ensuite rooms
- 12 communal kitchens
- Reflection room
- 24 PVs and 8 air source heat pumps

£10.5m project cost

Work to start second half of 2025 and run for the academic year.

FITZWILLIAM COLLEGE: Shaping Our Place

Auditorium Solar Panels Project: Summer 2023

As part of Fitz's commitment to be a sustainable community, the Auditorium roof is being super-insulated and solar panels are being installed to supply electricity to the College.

Over 100 solar panels

225,302 KWh a year

Enough to power 10 houses a year

Helping us to help the planet...and saving on our bills at the same time.

FITZWILLIAM COLLEGE: Building for the Future

MASTER AND FELLOWS OF THE COLLEGE

The following list reflects the College membership on 1st Sept 2023.

MASTER

The Baroness Morgan of Huyton, Sally Morgan

HONORARY FELLOWS

HM King Juan Carlos I of Spain
HM Queen Sofia of Spain
Professor Federico Garcia-Moliner
Professor Peter Haggett CBE FBA
Mr Roger Dawe CB OBE
Sir Humphrey Burton CBE
Mr Nigel Stapleton
The Hon Mr Justice (Kwok Nang, Andrew) Li CBE JP
Professor Brian Johnson FRS FRSEd
The Rt Revd Dr Michael Nazir-Ali
Professor Joseph Stiglitz
Professor Sir Angus Deaton
The Rt Hon Sir Dennis Byron PC
The Hon Mr Justice Ouseley
The Rt Hon Lord Justice (Sir David) Kitchin KC
Professor Robert Lethbridge
The Rt Hon Lady Justice (Dame Sarah) Asplin KC
The Rt Hon Lord Lamont of Lerwick
His Honour Judge (Dean) Spielmann
Sir Peter Bazalgette
Ms Sharon White DBE
Professor Paul Muldoon
Baroness Morrissey DBE of Chapel Green, Helena Morrissey
Ms Helen King QPM
Professor Sir Shankar Balasubramanian FMedSci FRS
Sr Josep Carreras
Dame Cressida Dick QPM
Sir Kenneth Olisa OBE CStJ FRSA FBCS
Professor Nicola Padfield KC (Hon.): Professor in Criminal & Penal Justice
Ms Sonita Alleyne OBE FRA FRSA
The Rt Hon Sir John Vincent Cable
Mr Sebastian Dakin

Ms Adele Thomas
Mr Andrew Powell

LIFE FELLOWS

Dr Harry Hudson
Professor David Thompson DD FRHistS
Professor Geoffrey Whittington CBE FCA
Dr Kenneth Prandy
His Honour Judge David Pearl
Professor Brian Johnson FRS FRSEd
Dr John Cleaver: Archivist
Professor Derek Fray FRS FReEng
Professor Robert Lethbridge
Mr Barry Landy
Dr David Bowyer FRSM
Professor Nigel Slater
Dr Elisabeth Marseglia
Professor Graham Davies DD FBA FSA
Dr William Allison
Dr Alan Clark
Professor Sir Anthony Bottoms FBA
Dr David Scott
Professor Michael Potter
Mr Richard Hooley
Professor Nicola Padfield KC (Hon)
Dr Rosemary Horrox FRHistS
Professor Kenneth Platts
Professor Dominic Keown
Professor Sean Holly
Professor Martin Millett

FELLOWS

Professor Jonathan Cullen: President; Tutor for Postgraduate Students; Professor of Sustainable Engineering (Grade 11)

Professor David Cole: DoS in Engineering; DoS in Manufacturing Engineering; JMA Senior Vice-President; Professor of Mechanical Engineering (Grade 11)

Professor David Cardwell FReEng: Professor of Superconducting Engineering; Pro-Vice-Chancellor for Strategy and Planning

Dr John Leigh: DoS in Modern & Medieval Languages; UAP (Grade 10) in French (Sabbatical Michaelmas and Lent 2022–2023)

Professor Bhaskar Vira: DoS in Geography; Professor of

Political Economy; Pro-Vice-Chancellor for Education

Professor Epaminondas Mastorakos: Hopkinson/ICI
Professor of Applied Thermodynamics

Professor David Coomes: Fellow for Research;
DoS in Natural Sciences (Biological); Professor in
Plant Sciences; Director of University of Cambridge
Conservation Research Institute; Head of Forest
Ecology and Conservation Group

Dr Rachel Camina: Tutor for Postgraduate Students;
DoS, CTO and AL in Mathematics

Dr Alexei Kovalev: University Associate Professor
(Grade 9) in Mathematics

Professor Subha Mukherji: DoS in English; Professor of
Early Modern Literature and Culture (Grade 11)

Dr Robert Abayasekara: Tutor for Undergraduate
Admissions (Sciences); Tutor for Undergraduate
Students; DoS in Pre-Clinical Medical Sciences; College
Lecturer in Human Reproduction

Professor James Elliott: DoS in Natural Sciences
(Physical); Professor of Macromolecular Materials
Science

Professor Andrew Wheatley: ADoS in Chemistry;
Professor of Materials Chemistry (Grade 11)

Professor Kouros Saeb-Parsy MRCS: DoS in Clinical
Medicine; Professor of Transplantation (Honorary
Consultant) (Grade 11); Dean

Dr Sara Owen: Deputy Senior Tutor; Tutor for
Admissions (Arts); Tutor for Undergraduate Students;
College Lecturer in Classics; DoS in Classics; DoS in
Foundation Year; AL in the Classics Faculty

Professor Jason Rentfrow: DoS in Psychological &
Behavioural Sciences; Professor of Personality &
Individual Differences (Grade 12)

Dr Paul Chirico: Senior Tutor; Disability Officer

Professor Simon Gathercole: Secretary of the
Governing Body and the College Committee; Tutor
for Postgraduate Students; DoS in Theology, Religion
& Philosophy of Religion; Professor in New Testament
and Early Christianity (Sabbatical Michaelmas and Lent
2022–2023)

Professor Matthew Wingate: Tutor for Undergraduate
Students; DoS in Mathematics; JMA Senior President;
Professor of Theoretical Physics (Grade 11)

Dr Francis Knights: Tutor for Postgraduate Students;
DoS in Music

Dr Anna Watson: CTO and DoS in Economics; Tutor
for Undergraduates

Professor Andrew Jardine: DoS in Natural Sciences
(Physical); Professor of Experimental Physics (Grade
11); Deputy Fellow Health and Safety Officer

Professor Kasia Boddy: Professor of American
Literature (Grade 11)

Dr Stephen Sawiak: Financial Tutor; Tutor for
Undergraduate Students; ADoS in Mathematics
for Natural Sciences; JMA Senior Treasurer; Senior
Research Associate in the Translational Neuroimaging
Laboratory in the department of Physiology,
Development and Neuroscience

Professor Emma Lees: Peter & Audrey Wilson
Estates Gazette Fellow in Land Economy; Professor
of Environmental & Property Law (Grade 11); (on
secondment from September 2021–September 2026)

Dr Gabriel Glickman: DoS in History; UAP (Grade 9) in
Early Modern British & Irish History

Dr Julia Guarneri: DoS in History; UAP (Grade 10) in
American History

Dr Nicola Jones: Director of Communications and
Engagement

Professor Ianthi Tsimpli: DoS in Linguistics; Professor
of English & Applied Linguistics (Grade 12)

Professor Christos Genakos: DoS in Management
Studies; Professor of Economics and Policy (Grade 11)

Professor Richard Powell: DoS in Geography; Professor
of Arctic Studies (Grade 11) (Sabbatical Easter 2023)

Professor Michael Kenny FAcSS: Professor of Public
Policy; Director of the Bennett Institute for Public
Policy

Dr Aaron D'Sa: DoS in Natural Sciences (Biological);
DoS in Clinical Medicine and Pre-Clinical Medicine;
Specialist Registrar in Anaesthesia & Intensive Care
Medicine

Dr Benedict Wiedemann: Acting & Assistant Secretary
to the Governing Body; Steward; Tutor for Postgraduate
Students

Dr Jonathan Rogers: Fellow Health and Safety Officer;
DoS in Law; UAP (Grade 9) in Criminal Justice; Co-
Deputy Director of Cambridge Centre for Criminal

Justice

Dr Pedro Mendes Loureiro: DoS in Human, Social & Political Sciences; UAP (Grade 9) in Latin-American Studies

Dr Céline Marie Vidal: DoS in Geography; CTO in Geography; (Sabbatical Lent 2023)

Dr Christelle Abadie: UAP (Grade 9) in Engineering

Dr Stevie Martin: DoS in Law; CTO in Public Law

Dr Jean-Michel Johnston: DoS and CTO in History; Fellow Librarian

Dr Olenka Pevny: UAP (Grade 9) in Slavonic Studies; (Sabbatical Michaelmas 2022)

Professor Srinivasan Keshav: DoS in Computer Science; Robert Sansom Professor of Computer Science; Tutor for Postgraduate Students

Professor Giles Oldroyd FRS: Russell R. Geiger Professor of Crop Sciences

Mr Rod Cantrill: Bursar, College Data Protection Lead, Safeguarding Officer, Freedom of Information Lead

Dr Ross Hill: Research Fellow in Molecular Biology

Dr Elisa Galliano: DoS in Natural Sciences (Biological); UAP (Grade 9) in Neuroscience

Dr Georgina Wilson: Research Fellow in English

Mr Peter O'Connor: Director of Development

Dr Isaias Fanlo: UAP (Grade 9) Modern and Contemporary Iberian Cultures

Dr Caitlin Harvey: Research Fellow in History & HSPS

Dr Emily Lees: Research Fellow in Medicine

Dr Tim Williams: DoS in Pre-Clinical and Clinical Veterinary Sciences; UAP (Grade 10) in Clinical Pathology

Dr Davide Luca: UAP (Grade 9) in Regional Economics and Policy; DoS in Land Economy

Dr Alexander Cullen: UAP (Grade 9) in Political Ecology; DoS in Geography; Tutor of Undergraduates

Dr Saul Nelson: Research Fellow in History of Art

Dr Qixiang Cheng: UAP in Photonic Devices and

Systems

Dr Anke Arentsen: Research Fellow in Astrophysics

Dr Anna Heenan: DoS in Law; University Assistant Professor (Grade 9) in Family Law

Professor Andreas Vlachos: Professor of Natural Language Processing and Machine Learning (Grade 11); DoS in Computer Science

Ms Georgina Cannon, Managing Director of Development for Cambridge University

Dr Saeed Kayhanian: Academic Clinical Fellow in Neurosurgery

BYE-FELLOWS

The Venerable John Beer: Wine Steward

Dr Nicholas Pyper: Chemistry

Professor Mark Arends: Pathology

Dr Yin Wu: Pathology

Dr Victoria Condie: Acting Tutor for Undergraduate Students; Medieval Literature

Professor Christopher Watson: Professor of Transplantation

Dr Fiona Danks: Geography

Dr Danny Ho: Chemistry

Dr Graham Spelman: Engineering

Mr Paul Hoegger: DoS in Modern & Medieval Languages; German Language Programme Co-ordinator/Teacher

Dr Martin Parker Dixon: Tutor for Undergraduate and Postgraduate Students; Deputy Praelector

Dr Andrea Giusti: Engineering

Ms Catherine Groom: Director of Music; Praelector

Dr Adam Thorn: Computer Officer at the Department of Chemistry; Natural Sciences (Physical)

Dr James Womack: AL in Spanish and Portuguese, Department of Modern & Medieval Languages

Mr Eric Martin: DoS in Architecture

Dr Silvianna Aspray: Theology

Dr James Brind: Aerothermal Engineering

Dr Alex Carter: Academic Skills

Dr Milena Ivanova: DoS in Philosophy; Tutor of Postgraduate Students

Dr Magdalena Strauss: Mathematics

Dr Anita Gibbons FRCP AFHEA: Consultant Gastroenterologist, Hinchingbrooke Hospital; Regional Sub-Dean, Clinical School

Dr Alex Pryce FRSA: Director of the Foundation Year Course

Dr Jeongmin Choi: DoS in Natural Sciences (Biological)
 Dr Ares Llop Naya: Batista i Roca Fellow in Catalan Studies; AL in Catalan, Department of Modern & Medieval Languages
 Revd Graham Stevenson: Chaplain
 Dr Oliver Burton: Engineering
 Mr Graham Matthews: Director of Estates, University of Cambridge
 Dr Anton Machacek: NST P
 Professor Monojit Chatterji:
 Dr Katherine Powlesland: Postgraduate Widening Participation Manager
 Dr Rachel Hopkinson: Veterinary Medicine
 Dr Natalie Morningstar: DoS in HSPS
 Dr Thomas Boehmer: DoS in Archaeology
 Dr Ashley Wiseman: Archaeology
 Dr Richard Bateman: English
 Dr Mekayla Storer: NST B
 Professor Sumantra Ray: Founding Chair NNEdPro Global Centre for Nutrition and Health
 Dr Peter Bolgar: NST B
 Mr James Manton: NST B
 Ms Hannah Fox: Director of Operations
 Dr Mehmet Erol: HSPS
 Ms Laura Frost: Veterinary
 Dr Safet MadziMuhamedovic: Theology
 Dr Maggie Huang: Medicine
 Dr Daniel Jafferji: Medicine
 Professor Dave Keays: NST B
 Dr Rob Machado: Classics
 Dr Sabine Maslova: Land Economy
 Dr Aude Rauscent: PBS
 Dr Dunstan Roberts: English
 Dr David Roper: NST P
 Dr Jonathan Ruprecht: NST B
 Dr Bobby Xinyue: Classics
 Dr Ashraf Zarkan: NST B

UAP University Associate Professor
UAL University Assistant Lecturer
ADR Assistant Director of Research
SRA Senior Research Associate
RA Research Associate
AL Affiliated Lecturer
CL College Lecturer
TA College Teaching Associate
CTO College Teaching Officer
DoS Director of Studies
ADoS Assistant Director of Studies

VISITING FELLOWS

Dr Igor Teslenko
 Ms Sarah Rainsford (Michaelmas Term 2022)
 Dr Robert Perich (Lent 2023)

RESEARCH ASSOCIATES

Dr Alessandra Carabelli: Medicine
 Mr Léo Cunha Caldeira Mesquita: Materials Science
 Dr Hannes Gauch: Engineering
 Dr Chris Ho: NST P
 Ms Samantha Islam: Engineering
 Dr Chloe Johnson: Medicine
 Dr Hayley Macpherson: Cosmology
 Dr Masoud Mohammadirad: AMES
 Dr Julie Morin: Geography
 Dr Guido Papa: Medicine
 Dr E-Ping Rau: Plant Science
 Dr Xavier Romero Vidal: HSPS
 Dr George Savulich: Psychiatry
 Dr Dominic Thomas-James: International Development
 Dr David Wilson: Mathematics

1869 FELLOW BENEFACTORS

Mr Peter Selman
 Sir Kenneth Olisa OBE CSTJ FRSA FBCS
 Mr Xiaoyang Xie
 Lady Julia Olisa
 Mr Dinesh Dhamija

OTHER COLLEGE OFFICERS

Junior Members' Association Officers
 Senior President: Professor Matthew Wingate
 Senior Vice-President: Professor David Cole
 Senior Treasurer: Dr Stephen Sawiak

NEW FELLOWS 22–23



DR ANKE ARENTSON

Dr Anke Arentsen is a Research Fellow of Fitzwilliam College, and a Herchel Smith Postdoctoral Research Fellow at the Institute of Astronomy. Her research is in the field of Galactic Archaeology: the study of the formation history of the Milky Way. Her work focuses on identifying and characterising the oldest stars still alive in the Milky Way to learn about the earliest phases of star and galaxy formation in the Universe.



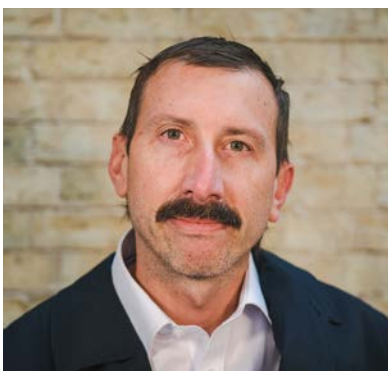
MS GEORGINA CANNON

Georgina is the Managing Director of Development for Cambridge University leading all of the University development teams at Cambridge. She previously held the position of Director of Development, Schools and Institutions where she led the team responsible for fundraising for the non-medical academic schools, departments and collections of the University. She has been working as a professional fundraiser for non-profit institutions for over 20 years. She began her career working with international NGOs before moving into higher education first of all at London Business School and now at the University of Cambridge.



DR QIXIANG CHENG

Qixiang Cheng received his PhD from the University of Cambridge in 2015. He was a Research Scientist with the Lightwave Research Laboratory, Columbia University, New York, where he led the research effort in silicon photonic device design, layout, packaging and testing. In January 2020, he returned to the University of Cambridge as an Assistant Professor, and he is now a University Associate Professor in Photonic Devices and Systems. His current research focuses on developing system-wide photonic integrated circuits for optical communication, sensing, and optical computing applications, exploiting various photonic integration platforms.



DR ALEXANDER CULLEN

Dr Cullen is a human geographer who primarily examines issues of livelihood transitions, territoriality and environmental subjectivity through a political ecology lens. His research has been attentive to state – community tensions in relation to land rights and post-conflict conservation governance across Southeast Asia, but with particular interest in Timor-Leste. Prior to joining Cambridge University, Dr Cullen was a Lecturer at the School of Geography at the University of Melbourne where he also completed his PhD. He is also an experienced international development practitioner having worked broadly across issues including local governance, land conflict, microfinance and public transport in Southeast Asia.



DR ANNA HEENAN

Dr Heenan is a University Assistant Professor (Grade 9) in Family Law and directs studies in Law. Dr Heenan's research is in family law, with a particular focus on the financial consequences of relationship breakdown. Her recent work looks at caring responsibilities and considers conflict between these and the legal framework which prioritises individual autonomy.



DR SAEED KAYHANIAN

Dr Kayhanian is an Academic Clinical Fellow in Neurosurgery at Cambridge University Hospitals and he studied Medicine at Fitzwilliam, with a Part II in Engineering. Dr Kayhanian teaches anatomy and physiology to medical and natural sciences students and supervises Fitzwilliam clinical medical students. His research interests are around brain injury and understanding the neuroinflammatory response to injury.



DR SAUL NELSON

Dr Nelson is a Research Fellow in History of Art

Dr Nelson's research analyses the global development of modernist art in the aftermath of World War II by focusing on the work of diaspora artists living in the West.



PROFESSOR ANDREAS VLACHOS

Professor Vlachos is Professor of Natural Language Processing and Machine Learning (Grade 11); Dinesh Dhamija Fellow, and he directs studies in Computer Science.

His current projects include dialogue modelling, automated fact checking and imitation learning. He has also worked on semantic parsing, natural language generation and summarisation, language modelling, information extraction, active learning, clustering and biomedical text mining.

NEW BYE-FELLOWS 22–23



MS HANNAH FOX
Director of
Operations



DR MEHMET EROL
HSPS



MS LAURA FROST
Veterinary



DR MAGGIE HUANG
Medicine



DR DANIEL JAFFERJI
Medicine



PROF DAVE KEAYS
NST-B



DR SAFET
MADZIMUHAMEDOVIC
Theology



DR SABINE MASLOVA
Land Economy

24



DR AUDE RAUSCENT
PBS



DR DAVID ROPER
NST-P



DR ASHRAF ZARKAN
NST-B

Not pictured:

Dr Rob Machado, Classics

Dr Dunstan Roberts, English

Dr Jonathan Ruprecht, NST-B

Dr Bobby Xinyue, Classics

STAFF JOINERS & LEAVERS 22–23

The following people started work at the College 1st October 2022–30th September 2023:

Madeline Allum: Conference & Events Coordinator
Shreya Amin: Conference & Events Coordinator
Phoebe Beech: Development Officer Regular Giving
Claire Cock-Starkey: Fitz+ Events Coordinator
Andrew Drury: Porter
Gary Ferns: Housekeeper
Victoria Hesmondhalgh: Student Services UG and PG Admissions Officer
Angelico Januario: Kitchen Porter
Rebeka Leite Vasconcelos: Housekeeper
Sharon Lewis: Catering FofH Supervisor
Lucie Marsh: Housekeeping & Accommodation Services Deputy
Marzena Migdal: Housekeeper
Dean Osborn: Accommodation Officer
Mariana Petrasova: Executive Assistant to the Senior Tutor
Sharon Pickering: Housekeeping Linen Keeper/Team Leader
Vasiliki Vartholomeou: Librarian
Michael Walford: Gardener
Freya Wayman: College Events Coordinator
Edward Wisker: Kitchen Porter

The following people retired from their roles at the College:

Sue Free: Student Services Graduate Officer
Valter Monteiro: Head of Finance
Christine Roberts Lewis: Librarian
Claire Claydon: Executive Assistant to the Senior Tutor

The following people were recognised for their long service of the College:

Richard Wayman: formerly Executive Chef, now Head of Catering (10 years)
Sue White: Purchase Ledger Assistant (20 years)
Gavin Flack: Head Chef (25 years)
Dave Norman: JMA Groundsman (25 years)



UNDERGRADUATE MATRICULAT



R.O.Adeleke S.V.Aggarwal A.J.Allen-Kyng S.D.Angeletos O.O.Apanisile
J.W.Bowen A.Breuer P.T.Brownlow O.Bulson-Roman A.R.K.Campbell L.Campbell O.Chatwood A.Chew J.Chu
P.Drake M.G.Duxbury J.Emsley J.Fan B.Feng C.S.Ferrier S.H.Fiveash A.Fletcher-Snow J.Fowler A.Frimpong N.S.
N.M.D.Hammond B.W.R.Handley M.S.Heathcote J.Heeley J.Henley-Waters M.Hidary A.A.Hill T.J.Hus
E.F.Keen A.K.A.King E.G.A.Knight N.B.Knight E.L.Knowles F.B.Kong S.Larcombe Tee A.Lardi-Boakye S.R.Lochan M.
F.Mohamed F.Morgan S.Nadvi-Byrne A.Nixon N.Nowak A.Ogunlana P.C.Okafor J.P.C.Okongwu A.Olawur
I.Rajah N.H.Reynolds E.G.Riley C.M.Roberts A.Safi L.Sahar S.D.Sami A.Santhiramohan S.Saravanan R
Y.Tan E.Thompson V.Tung S.Uddin Z.Wang A.Waters D.Watts M.Weston E.Wilkinson B.E.
L.Zhao Dr A.L.Cullen Mr P.A.Hoegger Dr A.M.Watson Prof.M.B.Wingate Dr S.J.Sawiak Mr A.Fuller Ms H.Fox Mr R.Cantrill B
H.R.Cur

ION 2022



K.E.Austin J.J.Bafoa A.P.Barrera James S.R.Bayman M.T.Biggs I.Borovyk
Akwa A.E.Clarke A-M.Coe I.M.Cole M.R.Copeman F.Cory A.E.Davies J.D.Davies A.H.Davis H.W.J.Day-Lunn
Gallagher O.A.Gaskell W.P.Gilbey G.P.Girma E.D.Grandidge de Paz J.M.Greensmith C.Guo A.Gupta S.Hamagami
h A.Hussain M.Ipchi A.Irad N.Islam Y.Izhac K.X.Jacovides A.Kabiraj X.Kang D.A.Kayani D.E.G.Kayley
Loesche V.Lowings X.Lu M.J.A.Maclean A.J.Mardling D.R.Marquand O.McGinley J.P.McGuigan D.F.McQuaid J.Misra
mi J.P.O'Reilly C.E.Palmer J.R.Parish E.L.Podd J.Poff J.Poon E.L.Pretty E.H.Price Z.Qu R.V.Rackham A.Rai
Savage M.T.Shahid P.J.Shrimpton B.M.L.Sibbald A.Sleigh A.Soun R.Stephens L.Stone X.Sun E.Sutcliffe
Woodward L.R.Xia J.Xiao R.Xin L.S.Xu Y.K.Yadav R.Yaqub Y.C.Yeh Z.Zeb L.Zhang Y.Zhao
Baroness S.Morgan Dr S.Owen Revd G.P.Stevenson Prof.K.Saeb-Parsy Dr R.Abayasekara Dr C.M.Groom Dr V.Condie C.A.Mack
ry X.Zhu

POSTGRADUATE MATRICULATION



N.S.Jensen O.C.D.Little D.S.H.Birch H.J.Fearon I.Salih W.Skinner O.J.R.Groves E.J.H.Zi
C.J.Kirkham C.A.Li R.Smith S.Liu Y.Huang X.Liu A.Li B.Xiao I
S.J.Rashid L.P.Gale P.A.Sabannavar J.Zheng Z.Song L.Huang Z.Xuan V.V.Nenmeli G.Xu A.J.C
J.Oberai X.Yang D.Noyvert S.W.D.Lee X.He Y.Tan A.Goyal I.I.Ogbeifun T.Go
Y.Kim M.Hollander P.S.Mann X.An J.Pan S.K.Luthra F.T.Spehl J-L.Venne A.N.Kabango A.Labi
K.N.Ashcroft V.S.Kolhe W.Wu A.P.Patil M.J.Watt S.M.L.Ruuhela K.Tyulberov B.Hou F.R.MacFadden K.N.L.D.F
W.Lee N.Chen X.Lin L.W.D.Jakobsen J.Bagri I.Abril Cabezas A.Kuraite H.J.Petrovic Prof S.Keshav Baroness S.Morgan Dr B.

ON 2022



egler Z.Davoyan O.S.M.Kim F.T.Schwarzfischer L.Akatova C.R.R.Cossin C.T.Young J.Shi
D.Chen J.Guo X.Hu S.Xia W.Xie R.Rice R.M.Severy I.Martynov
Cohen R.J.Wilson L.R.Paembong S.Chakraborty F.Y.N.Albalawi A.N.Ali T.A.Collins M.Tariq
dara A.P.Scheid G.Golding R.Silaj C.Cui A.Stone J.He B.Mui I.Ananya C.Tan
b S.H.Ma J.G.Fenwick M.Ord P.Jorgensen D.P.Whitehouse E.Duskova H.Adid A.Vlachaki C.Ly
löge J.B.Christensen B.M.Weir C.A.Brillon O.Keskin F.C.W.Eeles-Nolle E.D.Thursfield F.M.Badulescu S.Baloch
G.E.Wiedemann C.K.Ha R.C.Dryzek Y.I.Dancheva G.G.Maheson W.Baker C.H.Uzwyszyn J.H.Walrad D.A.Ramos-Yamasaki

COLLEGE STATISTICS

UNDERGRADUATES

At the beginning of the academic year 2022–2023 there were 493 students in residence registered for undergraduate degrees. 255 men, 237 women and 1 other.

By Origin	Undergraduate	
Home	389	78.9%
EU	17	3.4%
Overseas	87	17.6%
Total	493	

The total of students with Firsts was 128 taking all the undergraduate years together with LLM and MAST students.

The total number of Firsts in previous years are as follows:

- 128 Firsts in 2022
- 158 Firsts in 2021
- 70 Firsts were awarded to 'Finalists' in 2020 (with only finalists being classed)
- 126 Firsts (including 11 equivalentents) were awarded in 2019
- 112 Firsts (including 15 equivalentents) in 2018
- 114 Firsts (including 14 equivalentents) in 2017

The results for the Undergraduate finalists in 2022–23:

	2023	2022
Firsts with Distinction	2	2
Firsts	28	34
2.1	59	75
2.2	7	10
3	1	2
Fail	0	0
Total	97	135

POSTGRADUATES

In January 2023 there were 294 registered full-time postgraduate students; the total changes throughout the year as, for instance, PhD students are approved for their degrees, so a snapshot is provided.

About 39% of the full-time postgraduate students were from the UK, about 9% from European Union countries and 52% from outside the European Union. The postgraduate student body was about 62% male and 37% female with 1% identifying as neither male nor female.

Of the full-time postgraduate students, 61% were either registered as candidate for a PhD or on track to be so registered (179 students). Other full-time students were in medical or veterinary studies undertaking other courses such as leading to PGCE or LLM, or at the Judge studying for an MBA or Mfin.

There were 144 part-time postgraduate students, about 55% male and 45% female: and about 60% UK, 9% EU and 31% from outside the EU. The majority of this group were studying for Master of Studies degrees with Applied Criminology and Sustainability Leadership accounting for 80%. There were 12 PhD and PhD-track students and 17 students on other courses.



ACADEMIC AWARDS AND PRIZES

Postgraduate Scholarships and Studentships for 2022-2023

Awards for PhD studies

Kuok Family – Lee Kuan Yew PhD Scholarship: W. Xie (renewal), S.J. Quah (honorary), T. Sim (renewal). *Lee Kuan Yew NUS PhD Studentship:* C.K. Ha (renewal), J. Seah (renewal), S. Rihm (renewal). *Stan Gold PhD Studentship:* P. Heathcote (renewal), T. Cochrane (renewal).

Awards for Masters studies

Fitzwilliam College Hong Leong – Lee Kuan Yew Masters Scholarship: M. Dalakoti, B. Hou. *Fitzwilliam College – Quantedge – Lee Kuan Yew Masters Studentship:* M.F.M. Faqarh. *Fitzwilliam College Charlton Studentships:* L. De Gooijer, J. Douglas, L. Gregory, S. Lima. *Fitzwilliam College Masters Studentship:* A. Zasedko. *Fitzwilliam College Masters Scholarship:* S. Lima, A.L. De Gooijer.

Other Postgraduate Scholarships

College Postgraduate Scholarship: S. Chakraborty. *ED Davies Scholarships:* F. Beke, J. Rauwald, T. Sim. *Gibson Scholarship:* S.W.D. Lee. *Hirst-Player Scholarships:* J. Paredes UC, R. Walker. *Shipley Scholarship:* T. Horton.

College Senior Scholarships for 2022-23

E. Almanzor, T. Amofah-Akardom, I. Ananya, E. Canova, R. Chowdhury, J. Christensen, Y. Dancheva, S. Deka, R. Dryzek, W. Dunn, L. Gale, T. Gaskin, A. Holcomb, O. Kim, C. Kirkham, A. Kuraite, Y. Li, S. Liu, T. McNally, N. McStay, D. Morley, D. Noyvert, L. Qiu, S.J. Quah, M. Quednau, S. Rashid, S. Rihm, T. Ross, B. Saffell, W. Skinner, J. Steele, E. Suchomel Duskova, C. Tan, E. Thursfield, D. Whitehouse, W. Xie.

1912 Senior Scholarships

A. Acuaviva (MSt Pure Mathematics), D. Behiyat (NST II), L. Burland-O’Sullivan (HSPS IIB), T. Collins (MSt Mathematical Statistics), M. Constant (ELT2 II), C. Cui (MSt Applied Mathematics), L. de Gooijer (Classics II), A. Dickinson (Philosophy II), K. Floege (MSt Applied Mathematics), A. Gardi (Land Economy II), T. Gilhooly (ELT2NR II), B. Haran (NST II), A. Harper (NST-B II:

Pharmacology), H. Hodges (PBS II), A. Jarvis (MML II), V.S. Kohle (Master of Law LLM), O. Kyne (NST III), H. Loong (Chemical Engineering IIB), S.K. Luthra. (Master of Law LLM), T. Morris (Computer Science II), V. Nemmeli (MSt Physics), O. Ogunnaike (Law II), A. Scheid (MSt Pure Mathematics), F. Spehl (Master of Law LLM), A. Williams (Geography II), T. Williamson (MML II), J. Xu (NST III: Chemistry), Z. Xuan (MSt Physics), Y. Zhu (NST III: Physics).

Scholarships, awarded to students with First Class or equivalent

Elections to scholarships

1912: J. Bowen (Maths IA), J. Ipchi (Maths IA), B. Sibbald (TRPR IA). *Clothworkers:* I. Borovyk (Land Economy IA), P. Brownlow (Land Economy IA), O. McGinley (Prelim to Classics Part I), D. McQuaid (Land Economy IA). *Clough:* M. Copeman (NST IA), M. Duxbury (Engineering IA), A. Gunasekaran (Engineering IA), A. Gupta (Computer Science IA), D. Kayley (NST IA), R. Kong (NST IB), F. Kong (Economics I), B. Levy (NST IB), S. Lochan (Computer Science IA), J. Lok (NST IB), I. Nayakshin (Engineering IIA), C. Sun (PBS IA), Z. Wang (NST IA), J. Watson (NST IB), S. Wilshaw (Maths II). *Ellen Hughes:* A. Hodgson (HST1 I). *Excelect:* Z. May (Land Economy IB), A. Xu (Maths IB). *Fitzwilliam Society:* H. Price (ASNC Prelim to Part I). *Fitzwilliam Society Coleby:* Y. Adam (Land Economy IB). *Fitzwilliam Society Taylor:* E. Green (HST1 I). *Henry Locke:* L. Xu (MML IA). *Irene Hill:* B. Woodward (MML IA). *Irene Walker:* T. Saiban (Geography IB). *J-M Bourdeau:* C. Fraser (MML IA). *Marion Burrow:* S. Hamagami (Medicine IA). *Muriel Lawrence:* J. Henley-Waters (Medicine IA). *Rawlins:* A. Sleigh (NST IA). *Reddaway:* J. Bafoa (Foundation Year), R. Barker (Geography IB), J. Davies (AMES IA), B. Gilbey (HSPS I), A. Nixon (Foundation Year), S. Saravanan (Law IA), A. Waters (HSPS I), D. Watts (HPOT0), G. Yap (Law IB). *R N Walters:* F. Hargreaves (English IB). *Sir John Stratton:* K. Austin (English IA), H. Curry (Archaeology IIA), E. Grandidge de Paz (Archaeology I), F. Morgan (English IA), O. Mosheim

(HST11). *Thomas Walker*: L. Franks (NST II: Earth Sciences). *Vincent Joseph Hughes*: V. Tung (Architecture IA). *WW Williams*: A-M. Coe (Geography IA).

Re-elections to scholarships

1912: R. Geo (Economics IIA), H. Yan (Economics IIA). 1912 Senior: N. Aggarwal (Engineering IIB), B. Ahmed (NST II), R. Annison (Engineering IIB), Z. Bai (Maths III), E. Bertin (Veterinary Medicine III), S. Bird (NST III: Chemistry), S. Daczo (Linguistics IIB), J. Douglas (ELT2NR II), E. Etches (ELT2 II), I. Fahey (Archaeology IIB), G. Gentile (Economics IIB), D. Gibson (NST III: Astrophysics), T. Hale (NST III), M. Harris (Geography II), M. Hodgson (Geography II), T. Horton (Geography II), H. Houillon (Land Economy II), Z. James (Geography II), E. Jones (Linguistics IIB), A. Khovanov (Maths III), O. Lagercrantz (HSPS IIB), M. Lay (Linguistics IIB), F. Majdzinski (PBS II), A. McColgan (NST III), N. Mekjan (NST II), J. Parker-Ward (HST2 II), J. Parmar (Computer Science III), C. Rayner (NST III: Material Science), C. Richards (NST III: Physics), E. Shaw (Linguistics IIB), F. Thompson (NST III: Astrophysics), D. Timmers (NST II: Physics), E. Uzoma-Ebere (HSPS IIB), M. Wong (Clinical Medicine III), H. Zhang (Economics IIB). *Clough*: L. Lawton (Engineering IB), Q. Lei (Computer Science IB), J. Lindsay (Computer Science IB), E. Long (NST II), T. Peretz (NST IB), S. Shah (Computer Science II), R. Sun (Engineering IB), K. Suzuki (Engineering IB), K. Van Der Spuy (Engineering IA), T. Willock (NST IB), M. Zhang (Engineering IB). *Davis Mason*: B. Lin (Engineering IIA). *Donald Walker*: J. Chan (NST II: Physiology, Development, and Neuroscience). *Fitzwilliam Society Skinner*: A. Maheshkumar (Economics IIA). *Peter Constable*: M. Wong (Medicine IB). *Reddaway*: L. Akinagbe (HSPS IIA), D. Bowers (Geography IB), A. Kettlewell (Management Studies II), M. Kowalski (HSPS IIA), H. Watkins Ray (Geography IB), E. White (HSPS IIA). *SS Samra*: H. Han (Economics IIA). *Tim Cray Law*: C. Moiso (Law IB). *Wilfred Wilde*: C. Ngai (NST II: Chemistry).

Foundation Scholars

B. Ahmed (NST II), J. Chan (NST II: Physiology, Development, and Neuroscience), S. Daczo (Linguistics IIB), J. Douglas (ELT2NR II), G. Gentile (Economics IIB), T. Hale (NST III), H. Houillon (Land Economy II), E. Long (NST II), S. Shah (Computer Science II), E. Uzoma-Ebere (HSPS IIB), H. Zhang (Economics IIB).

Postgraduate Tutors' Prizes for distinction in Masters Degrees

K. Ashcroft, D. Birch, G. Golding, O. Groves, J. He, M. Hollander, P. Jorgensen, O. Keskin, A. Labib, R. Severy, W. Skinner, R. Smith, A. Stone, K. Tyulberov.

Academic Prizes for First Class Results

AJ Watson: F. Majdzinski (PBS II). *AV Stachulski*: S. Bird (NST III: Chemistry). *Burton*: K. Austin (English IA), T. Williamson (MML II). *College*: A. Acuaviva (MSt Pure Mathematics), B. Ahmed (NST II), L. Akinagbe (HSPS IIA), J. Bafoa (Foundation Year), R. Barker (Geography IB), D. Behiyat (NST II), I. Borovyk (Land Economy IA), J. Bowen (Maths IA), D. Bowers (Geography IB), P. Brownlow (Land Economy IA), L. Burland-O'Sullivan (HSPS IIB), J. Chan (NST II: Physiology, Development, and Neuroscience), A-M. Coe, (Geography IA), T. Collins (MSt Mathematical Statistics), M. Constant (ELT2 II), M. Copeman (NST IA), F. Cory (MML IA), C. Cui (MSt Applied Mathematics), H. Curry (Archaeology IIA), S. Daczo (Linguistics IIB), J. Davies (AMES IA), L. de Gooijer (Classics II), A. Dickinson (Philosophy II), J. Douglas (ELT2NR II), M. Duxbury (Engineering IA), E. Etches (ELT2 II), I. Fahey (Archaeology IIB), K. Floege (MSt Applied Mathematics), L. Franks (NST II: Earth Sciences), R. Gao (Economics IIA), A. Gardi (Land Economy IIA), G. Gentile (Economics IIB), D. Gibson (NST III: Astrophysics), B. Gilbey (HSPS I), T. Gilhooly (ELT2NR II), E. Grandidge de Paz (Archaeology I), E. Green (HST1 I), A. Gunasekaran (Engineering IIA), A. Gupta (Computer Science IA), H. Han (Economics IIA), F. Hargreaves (English IB), A. Harper (NST-B II: Pharmacology), M. Harris (Geography II); H. Hodges (PBS II), M. Hodgson (Geography II), A. Hodgson (HST1 I), T. Horton (Geography II), H. Houillon (Land Economy II), M. Ipchi (Maths IA), Z. James (Geography II), A. Jarvis (MML II), E. Jones (Linguistics IIB), D. Kayley (NST IA), A. Kettlewell (Management Studies II), A. Khovanov (Maths III), V.S. Kohle (Master of Law LLM), F. Kong (Economics I), M. Kowalski (HSPS IIA), O. Lagercrantz (HSPS IIB), L. Lawton (Engineering IB), M. Lay (Linguistics IIB), Q. Lei (Computer Science), B. Levy (NST IB), B. Lin (Engineering IIA), J. Lindsay (Computer Science IB), S. Lochan (Computer Science IA), J. Lok (NST IB), E. Long (NST II), H. Loong (Chemical Engineering IIB), S.K. Luthra (Master of Law LLM), A. Maheshkumar (Economics IIA), Á. McColgan (NST III), O. McGinley (Prelim to Classics Part I), D. McQuaid (Land Economy IA), N. Mekjan (NST II), C. Moiso (Law IB), F. Morgan (English IA), T. Morris (Computer Science II), O. Mosheim (HST1 I), I. Nayakshin (Engineering IIA), V. Nenmeli (MSt Physics), C. Ngai (NST II: Chemistry), A. Nixon (Foundation Year), O. Ogunnaike (Law II), J. Parker-Ward (HST2 II), J. Parmar (Computer Science III), T. Peretz (NST IB), H. Price (ASNC Prelim to Part I), C. Rayner (NST III: Material Science), C. Richards (NST III: Physics), T. Saiban (Geography IB), S. Saravanan (Law IA), A. Scheid (MSt Pure Mathematics), S. Shah (Computer Science II), E. Shaw (Linguistics IIB), B. Sibbald (TRPR IA), F. Spehl (Master of Law LLM), R. Sun (Engineering IB), C. Sun (PBS IA), K. Suzuki

(Engineering IB), F. Thompson (NST III: Astrophysics), D. Timmers (NST II Physics), V. Tung (Architecture IA), E. Uzoma-Ebere (HSPS IIB), K. Van Der Spuy (Engineering IIA), Z. Wang (NST IA), A. Waters (HSPS I), H. Watkins Ray (Geography IB), J. Watson (NST IB), D. Watts (HPOT0), E. White (HSPS IIA), A. Williams (Geography II), S. Wilshaw (Maths II), M. Wong (Clinical Medicine III), B. Woodward (MML IA), L. Xia (MML IA), J. Xu (NST III: Chemistry), A. Xu (Maths IB), Z. Xuan (MSt Physics), H. Yan (Economics IIA), G. Yap (Law IB), H. Zhang (Economics IIB), M. Zhang (Engineering IB), M. Zhao (Land Economy IB), Y. Zhu (NST III: Physics). *Cuthbert*: S. Hamagami (Medicine IA). *Fitzwilliam Engineers'*: N. Aggarwal (Engineering IIB), R. Annison (Engineering IIB). *Gent*: M. Wong (Medicine IB). *Humphrey*: Y. Adam (Land Economy IB). *Inge Naismith*: J. Henley-Waters (Medicine IA). *Landy Prize (Attainment)*: T. Willock (NST IB). *RA Watchman*: Z. Bai (Maths III). *Swinburne Senior*: T. Hale (NST III). *Tom Comfort*: E. Bertin (Veterinary Medicine III). *Trethewey*: B. Haran (NST II), R. Kong (NST IB), O. Kyne (NST III), A. Sleigh (NST IA).

University and Departmental Prizes

Leslie Pugh Memorial Medal: E. Bertin (Veterinary Medicine III). *Sismey Prize in Small Animal Medicine*: E. Bertin (Veterinary Medicine III). *Robert Walker Prize in Equine Surgery*: E. Bertin (Veterinary Medicine III). *Ron Spratling Prize in Farm Animal Studies*: E. Bertin (Veterinary Medicine III).

Music Awards

Avshalom Hertwolf Saxophone Scholarship: C. Young. *Carolyn & David Keep Choral Scholarship*: J. Misra. *Dennis Doyle Scholarships*: S. Mathetharan, I. Rowe, E. Shaw. *ED Davies Choral Scholarship*: K. Adediji. *ED Davies Music Exhibition*: E. Israel, F. Prince. *ED Davies Open Instrumental Scholarships*: M. Duxbury, J. Emsley. *Duncan Choral Scholarship*: G. Bird. *John Etherton Choral Scholarship*: D. Gibson. *Ken Smith & Ronald Smith Alkan Piano Scholarship*: V. Leung. *Padley Repetiteur Scholarship*: A. King. *Queen Anne's Choral Scholarships*: S. Anderson, C. Brillon. *Swinburne Senior Prize for Music*: R. Severy. *Thatcher Music Scholarships*: C. Johnson, A. Van Dijk (Organ Scholarships), G. Asiegbu (Conducting and Musical Leadership Scholarship). *Yehudi Menuhin Scholarships*: R. Severy, A. Sleigh.

Other Awards and Prizes

Scholar of the Year: R. Annison (Engineering)

Landy (Progress): R. Kong (NST IB). *Colinssplatt Cup for Music*: G. Bird (Engineering). *Colinssplatt Cup for Drama*: W. Lea (Mathematics).

Sports Personalities of the Year: S. McPherson (Natural Sciences)

Team of the Year: Fitz Women & Non-Binary Football Team

DOCTOR OF PHILOSOPHY

The following dissertations were approved for the degree of PhD in the period October 2022–September 2023.

N. Almond: Development of active terahertz modulators for use with quantum cascade lasers and near-field imaging of their individual resonators

C. Bodnar: Topological deep learning: graphs, complexes, sheaves

J.T. Briegal: Data-driven approaches to Stellar variability detection and characterisation

E. Camarillo Abad: Ultra-thin photovoltaic technologies with nanophotonic textures for enhanced solar energy harvesting

C.H. Chiu: Evolution and function of receptor-like kinases in arbuscular mycorrhizal symbiosis

H. Chowdhury: A social and economic history of Darzisi (Muslim tailors) in Calcutta, c.1890–1967

C. Conforti: Cross target generalization for stance detection

V.N. Connolly: Can less be more? Workload and workload complexity in English secondary schools and its relationship with student attainment and teacher retention

P. Coppola: System dynamics and consciousness

B. Drummond: Science and engineering of spin triplet excitons in luminescent molecular semiconductors

G.N. Eichhorn: Landslide-pipeline interaction for onshore slopes in silty sand

L.H. Fahmy: Identification and recombinant production of antimicrobial peptides from the black soldier fly, *Hermetia Illucens* (L.)

C. Heffernan: Identifying optimal mixing strategies and structures through Sobolev Norms

P.S. Ioannou: Antibody technology identifies distinct

- mechanisms controlling the lengths of filopodia-like structures
- C.Y. Ip: The role of ACK in regulating the Vav family proteins
- H.S. Kalsi: Expectations in financial markets
- K. Kavvadias: Fine regularity properties of SLE₄ and SLE₈
- C. King: Factors influencing the somatic mutational landscape of ageing squamous epithelium
- R.J. Law: Fibre-optic borehole observations and numerical modelling of complex ice-sheet thermodynamics
- A.W.N. Low: The role of cerebral small vessel disease in dementia
- T. Lunde: An economic geography of the Industrial Revolution in Scotland, c. 1760-1840
- H. Mahmood: New perspectives on operator deformations and t-duality in string theory
- M.D. Molnar: Robust statistical radio interferometric methods for the detection of the Epoch of Reionization
- O.D.I. Moseley: Development and characterisation of halide perovskite visible light and x-ray detection devices
- C. Okoye: Harnessing the anaphase promoting complex for targeted protein degradation
- J.D. Rogers: Towards ultrahigh-throughput phenotypic screening using microfluidic droplets and functionalised polyacrylamide beads
- B.W.B. Shires: Visualising energy landscapes through manifold learning
- D.J. Street: Progression and variation of Progressive Supranuclear Palsy
- Y.R. Tan: Experimental investigation on the effect of the combustion of oxygenated fuels on the formation of soot
- H.A. Walker: Investigating the role of chemokines in neutrophil recruitment and resolution during inflammation
- X. Wang: Neural network training and inversion with a Bregman learning framework
- L.M.D. Wenger: Elucidating astrocytic diversity in human cerebral organoids
- C. Ye: Investigation of the regulatory interactions and dynamics between the circadian clock and sigma factors in the cyanobacterium *Synechococcus elongates*
- C. Ye: Structural assessment of bridges using monitoring data
- B. Yildirim: Machine learning for structural characterization and generation: applications to small-angle scattering and electron microscopy
- Z. Yu: Ventilation, stratification and flow instability driven by vertically distributed buoyancy sources
- T. Zhang: Quantitative extraction of bias stress parameters in thin film transistors
- R. Zmigrod: A hitchhiker's guide to efficient non-projective dependency parsing

FROM THE JCR PRESIDENTS

Presidents

Sarah Anderson and Philip Harper

Vice President

Barton Muller

Treasurer: Shyam Chandarana

Secretary: Noah Hammond

Welfare: Hannah Palmer

Accommodation and Services: Aurora Barrera James

Women's: Zia Britton

International: Nathan Jin and Matthew Zhang

Disability and Mental Illness: Mahdeia Hidayat

BME: Aaron Lardi

Social Media: Aiden Jones

Trans and NB: Percy Hartshorn

Environmental: Adam Waters

Ents: Fleur Hargreaves and Ewan White

Target and Access: Evan Grandidge de Paz

Academic Affairs: Dominic Bowers

Class Act: Milosz Kowalski

Charities: Molly Crozier

Our term began with two by-elections to fill empty positions, after the committee was unable to be filled from the initial election. Generally the feeling in the student body seemed to be one of scepticism towards the effectiveness of the JCR and trepidation about running for a role, especially given the criticisms aimed at the previous committee from anonymous comments on a Facebook page. We were incredibly lucky to have a significant number of continuing JCR members from previous committees which helped to create a sense of continuity and allowed us to pick up where the previous year left off – our thanks particularly go to Barton Muller and Percy Hartshorn in this regard.

Much we have done this year has been aimed at increasing the communication between students and the JCR Committee. There is still more to be done here, but significant progress has been made through the new JCR anonymous feedback form, which has received over 50 submissions this year, and through restarting the JCR notice board with committee photos and notices for upcoming events and meetings. We have tried to be led by student feedback when making decisions, and were pleased to receive over 100 responses to our rent and KFC survey which led us to trial moving a portion of KFC into a minimum meals charge. We also held an open meeting in advance of rent negotiations which helped to put students' minds at ease about this potentially stressful process.

Of course the one JCR event which always receives a positive reception is Fitz Up. Our Events Officers Ewan and Fleur were incredible in their organisation of these events and the innovation of separating the bar into two serving areas helped to reduce queuing and maintain order, meaning better attention could be given to maintaining the welfare of students at the events. The themes of "Kappa Gamma Fitz" and "Euro Trash" went down well with some fabulous costumes being made and worn. This was the most popular event of Freshers week with 73.5% of first years listing it as one of their favourite events. Our thanks go to all committee members for being so ready to take on the responsibility of stewarding.

Freshers' week was as intense as ever but had a positive reception from Freshers, both in the feedback survey sent around in the middle of October and in person at events. On top of Fitz Up we ran scavenger hunts, a board games night, a pub quiz, and liberation socials. The Sports and Societies Presidents ran a Fitz-specific Freshers fair, making the best use of a different space to normal. Their work over the year to foster a vibrant community of sports teams and societies at Fitz has been greatly appreciated, as has their assistance with the Freshers' Guide. The introduction of an accessibility key to the guide meant that first years could make informed decisions about which events to attend, especially given the overwhelming nature of Freshers' week.



Our Liberation Officers were committed to their roles this year as always. Zia Britton's International Women's Day Formal was a success and raised £116 for Cambridge Rape Crisis Centre. Aaron Lardi arranged several events for Black History Month including a formal and inter-collegiate BBQ at Churchill College, and the JCR collaborated with Fitz Art Soc and the Chaplain in a college visit to the Fitzwilliam Museum for their Black Atlantic exhibition. Our International Officers, Matthew and Nathan, ran a packed international Freshers' week for everyone arriving before the normal residency period, collaborating with the international students campaign. This included a BBQ at Jesus Green, a movie night in our JCR and a treasure hunt across the hill colleges. Finally, Percy Hartshorn in the newly created Trans and Non-Binary Officer role ran a small and touching vigil for Trans Day of Remembrance outside the chapel where students could light a candle and write in a Book of Remembrance. Our thanks go to Hannah Fox and Nicola Jones who worked throughout the year with Barton and Percy to recognise the LGBTQ+ community in college in thoughtful ways.

In our manifesto we pledged to build a cohesive, working JCR and we feel confident in saying that we have achieved that. In the first round of JCR committee elections last year there were only 15 candidates or pairs running. This year that has almost doubled at 28, and there are only 4 roles unfilled in comparison

to 10 last year. During the election period the college came alive with campaigning, with candidates putting posters up and asking for votes in the cafe. We hope this enthusiasm for the JCR is carried forward in the year ahead.

Our thanks again to the whole committee, as well as to Sally, Rod, Paul, Miles, Hannah, and everyone else who has worked with us over the past year for being so supportive and encouraging. We wish the new committee the best of luck for the year ahead.

Sarah Anderson and Philip Harper

Fitzwilliam JCR Presidents 2022–2023

FROM THE MCR PRESIDENT

From October 2022 – March 2023

President: Florin Mircea Badulescu
Vice President: Rosie Rice
Secretary: Sarah Baloch
Treasurer: Agne Kuraite
Welfare Officers: Samantha Edwards, Zach Rauwald
Academic Officer: Maya Hollander
Environment Officer: Liliia Akatova
Technical Officer: Laurie Gale
Access Officer: Awais Nawab Ali
Social Secretaries: Kate Ashcroft, Melissa Watt, Gabriel Golding, Rebekah Smith, Callum Young

From March 2023

President: Agne Kuraite
Vice President: Rosie Rice
Secretary: Sarah Baloch
Treasurer: Melissa Watt
Welfare Officer: Yoana Dancheva
Academic Officer: Maya Hollander
Environment Officer: Liliia Akatova
Technical Officer: Laurie Gale
Access Officer: Awais Nawab Ali
Social Secretaries: Kate Ashcroft, Gabriel Golding, Rebekah Smith, Callum Young, Max Barysevich

From Florin Badulescu:

As I reflect on my tenure as the MCR President at Fitzwilliam College, I am filled with gratitude for the learning experiences and achievements of my tenure. This role offered me the chance to strengthen the sense of community among our postgraduate students and contribute to the enhancement of their opportunities for professional and personal development. The regular meetings with the College staff exposed me to the inner workings of a united and devoted team focused solely on the good fortune of our students.

The Michaelmas Term began with a vibrant Welcome Week, organised by the previous committee led by Agne and Hannah. The week was packed with engaging events aimed at helping new postgraduate students integrate into the College's community. The Welcome Party and BOP, themed "Out of This World," provided an excellent opportunity for Freshers to meet and socialise.

One of the standout events was the Halloween Trick

or Treating on Huntingdon Road. This relaxed event allowed students to visit different postgraduate accommodations, enjoy sweets, and participate in the Halloween formal. The evening culminated with a fun Halloween boogie in the MCR.

In November, we celebrated Bonfire Night with marshmallow roasting, hot chocolates, and sparklers. The event concluded with a trip to Midsummer Common to watch a spectacular fireworks display, offering a cosy and entertaining evening under the stars.

Lent Term was equally eventful. We hosted a Burns Ceilidh in January, featuring traditional Scottish dancing, caramel wafers, and Irn Bru (a Scottish national drink). The lively music by the Flying Cats ceilidh band added to the festive atmosphere, making it a memorable night for all attendees.

The Valentine's Day BOP was a major highlight, attracting over 200 students from Fitz and other Colleges. This event stood out as one of the few Valentine's Day-themed parties across Cambridge, providing a unique and enjoyable experience.

Our commitment to sustainability was evident through Liliia's (our Environmental Officer) various phenomenal initiatives. The Fitz Gardening project was restarted, and a Charity Shop Crawl was organised to promote sustainable shopping. We also hosted workshops and provided guidelines to encourage recycling and waste reduction within the College community.

Throughout both terms, we prioritised welfare and community building. Regular events like Welfare Tea and Cake sessions held multiple times across the terms gave students a chance to relax, recharge, and share experiences. These sessions were pivotal in fostering a supportive environment.

We made significant strides in academic and career development. Initiatives included hosting study sessions, research presentations, and a career services introduction event. We aimed to equip students with the necessary skills and connections to succeed in their academic and professional endeavours.

The first significant part of my role as President

was to represent the interests of current and future postgraduates in the College's plan to improve the quality of postgraduate student accommodation. Choosing one of the College's proposed plans involved balancing the benefits of living in smaller, separate external properties with the advantages of residing in a larger building on or near the main College site. After months of inquiries into students' needs and extensive discussions regarding the existing accommodation structure, it became evident that intensifying the use of the main site and an external property would be the most beneficial approach. Given that most postgraduates are enrolled in short one-year courses, this consolidation is anticipated to foster a more vibrant social environment, thereby leading to stronger and longer-lasting relationships among students.

The second significant part involved the negotiation of the increase in rent and buttery prices. The discussions, which began in January 2023, were collaborative efforts involving the JCR, MCR, Fellowship, and College staff. Our primary goal was to balance the financial pressures faced by the College with the economic realities affecting our student body. Through rigorous negotiation, we managed to lower the proposed increase to 6.5%, which translates to an approximate £10 weekly rise for the average student room. To mitigate the

negative impact of the price hike, the College undertook to run a bursary scheme.

Looking back, my role as MCR President has been incredibly rewarding. It provided me with the opportunity to collaborate with dedicated MCR committee members and College staff to make a positive impact on the Fitz graduate community, build life-long relationships and develop my personality.

I encourage future postgraduates to run for MCR positions, as they offer a chance to influence college life and grow as a person by exposing themselves to phenomenally kind-hearted and hardworking people.

To my MCR committee and fellow student friends, I extend my heartfelt gratitude for their support and enthusiasm. Together, we have maintained the welcoming, dynamic, and inclusive environment that will continue to thrive in the years to come, especially with an enthusiastic and caring committee like my successor at the helm of the MCR.

(Florin's tenure as MCR President ran Oct 2022 to March 2023; as is traditional, his successor Agne will write in the next edition of the *Journal*)



CLUBS AND SOCIETIES

2022-2023 proved to be another brilliant year for Fitzwilliam Clubs and Societies. Building on the success of the previous year, we worked to deliver another busy calendar of Sports and Societies events. This success culminated in May 2023's Amalgamated Sports Dinner, in which over 100 Fitz sporting students gathered to celebrate the past academic year in sports. The event was more than doubled in capacity from the previous year, and we are grateful to former Premier League linesman Jake Collin for being this year's guest speaker. Nine awards were handed out in our awards ceremony; the two main awards were won by Sonny McPherson (Sports Person of the Year) and the Women and Non-Binary football team (Team of the Year).

Another major event in the calendar was Billy Day. On a sunny day down at Oxford Road playing fields, we hosted a sports day event with games of cricket and rounders. Food and drinks were provided and many fans gathered to watch the final of the five-a-side football competition that had been running throughout Easter term. With the aid of funding from the JCR, a bouncy castle and music was also provided. It was a lovely celebration of sports open to all.

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On the sports field, Fitzwilliam has once again proved dominant with good results all round. The Men's First Football Team won the league and secured its 7th Cuppers Victory in a row and look on track to secure an 8th this coming Easter term. The Men's 2s and 3s teams are continuing to grow in strength and numbers, consistently playing matches each week. The Women and Non-Binary Football Team, shared with Corpus, had an amazing season this year – coached by two of Fitzwilliam's own men's players, they had an amazing victory in the Cupper's Final beating the favourites Jesus. Both finals were held on the same day at our home ground; with around 100 spectators in attendance, it was a truly glorious day for Fitzwilliam (see right).

The FitzSidney Men's Rugby Team were very strong this season and reached their Cupper's Final against a formidable St John's side. Despite losing out, they put up a very good fight. The Trinity-Fitzwilliam Hockey team also had a great season, securing Bronze at Cuppers after beating Christs-Pem, losing out to Jesus 4-3 in the semi-final. The Mixed Lacrosse team (shared with Peterhouse and Murray Edwards) put in an amazing performance in their Cuppers tournament. Despite being placed in a very hard group stage, they won six games in a row to be crowned Cuppers Champions 2023. It was also a great year for our netball teams. Ladies Netball put in a stellar performance at their

Cuppers, coming 3rd overall. The team remain in Division 1 over the turn of the academic year. The Mixed Netball team progressed amazingly over 2023, climbing up to, and now topping, Division 1. The team looked poised to claim a victory in this year's Cuppers tournament.

2023 has also brought the revival of Fitz Pump society. Run by Sophie Fallon and Freddy Blond, the society run weekly circuit training sessions. They work to encourage an active lifestyle in our community. A similar incentive was held by our Running Society, who hosted weekly runs open to all abilities – it was attended by students and Fellows alike!

The Boat Club has had a positive year with lots of great race results and W1 even earned their blades in Lent Bumps despite the snowy weather! While the May Bumps were less successful, we're feeling hopeful for both sets of upcoming bumps races this year. 57 beginners learnt to row at Fitz in Michaelmas 2023 – the highest level in several years. We had 79 members of the Boat Club (including 18 alumni) compete in the Fairbairns race at the end of term – a great show from some of our very newest and our most senior rowers, and it bodes very well for the next year of rowing.

Our relationship with Cambridge charity Power2Inspire continued to grow this year, hosting another successful PowerHouseGames. 23 Fitzwilliam student volunteers and our chaplain Graham helped to run the event with local schools. Former Fitz Student Bethany Haran volunteered and fundraised as part of the charity's 108 challenge, kayaking a section of the 108-mile journey along the Thames with the charity's founder John Willis.

2023 saw a fantastic year of music-making for Fitzwilliam College Music Society (FCMS), with lots of Fitz musicians performing music from an array of genres and traditions.

Supported by a full orchestra, Maurits Houck took centre stage in Lent 2023, as solo clarinettist for a performance of Mozart's Clarinet Concerto. Also, a fantastic evening was had with ACS Composers, curated by Fitz pianist Emmanuel Israel and supported by Fitz Gospel Choir.

The perennially popular Fitz Swing (pictured p. 43) wowed at Bar nights and the annual Valentine's gig, also with Fitz Sirens. The MCR enjoyed termly Graduate Salons, featuring both musical and poetic performances. With several well-attended informal concerts to





showcase Fitz Firsts, for budding composers and songwriters, there were many opportunities for informal music-making throughout 2023.

Easter Term saw a much-anticipated production of Gaetano Donizetti's *Elixir of Love* (left). Building on the success of Fitz Opera's 2022 production of Mozart's *Così fan tutte*, the production showcased both the musical and comic talents of George Bird, Annabel Davies, Joseph Folley, Jonathan Jolly and Imogen Rowe. The principals were well supported by a large chorus, orchestra, backstage team and by a sizeable audience on each night of the opera's run.

At the annual FCMS Garden Party, we relaxed and reflected on a packed year of music-making, sure in the knowledge that music at Fitz continues to thrive, engage, and reach an ever-growing number of students!

With around 100 Fitz students competing on the university sports stage, it is impossible to mention all their amazing achievements, so here is a snapshot. We were proud to boast five Fitzwilliam students on the 2023 Varsity Blues Men's Football team – Olamide Ogunnaike, Asa Campbell (despite only being a 1st year), Lumi Kanwei, Sonny McPherson and Tom Randell. There were another three Fitzwilliam students across the other two Men's Varsity teams, and a further two students in the Women's 2nds team. Georgia McConachie now holds the position of Women's 2nds team captain.

Three women are set to play in the Women's Varsity Rugby Match 2024 – Laura Vass (who is also vice-captain of the blues), Emily Bell and Greta Grabauskaite. In 2023, Ollie Little and Josh Douglas both contributed to the historic 46–0 win for the Rugby 2nds team against the Oxford Greyhounds. There was another big Fitz

turnout at the Rugby League Varsity – James Mahon, Ed Long, Jim O'Reilly, Joe Wheeler, Tom Ryan and Tom Ross all played.

International-level rower Claire Brillon represented Canada in Summer 2022, and in 2023 had a seat in the Women's Blues Boat. The boat beat Oxford by 4 and a half lengths, and Cambridge took a clean sweep of victories at the Varsity.

Sophie Mulcahy took an amazing victory and won the Women's Boxing BUCS competition, leaving her the best student boxer in the country for her weight category.

Fitz's Felix Craig-McFeeley is the current Hawks president for this academic year. Etta Magill sits on Ospreys committee and is also the vice-captain of the Women's Blues Hockey team.

At the Powerlifting varsity, Ollie Little broke the bench press record for his weight category (165kg).

Ruthie Adeleke has had amazing success within Cambridge University Netball – playing in the 2nd team in her first year, she is now playing for the Blues squad. Savannah Arora, Holly Oakley and Libby Sutcliffe all played in the team's Development Squad varsity match, with Savannah as captain.

Eleanor Press and Sophie Fallon

President and Vice President of the Clubs and Societies, 2022–2023.



IN MEMORIAM

Notification of alumni deaths are listed in the *Journal*, by year, in the year in which the College is notified.

We have created a dedicated In Memoriam website, for alumni, friends and family to contribute their own tributes. In contrast with the *Journal*, which is often published many months after notification, this site is updated regularly throughout the year. The site can be visited via this link: <https://fitzwilliam.shorthandstories.com/in-memoriam/index.html>

PROFESSOR JAMES AITKEN



44

According to Jewish legend, seventy-two scholars translated the Hebrew Bible, or Old Testament, from Hebrew and Aramaic into Greek. Each worked on the text in solitary confinement, independently of the others, and miraculously they all produced the same translation verbatim. Underneath this legend lies the fact of the the Greek translation of the Old Testament, one of the greatest translation projects of the ancient world. This version is referred to today as the “Septuagint” (from the Latin septuaginta, “seventy”), and this Septuagint was the principal focus of Jim Aitken’s academic work.

James Keltie Aitken was born on 5 September, 1968. As his names suggest, he had Scottish roots: both his parents were Scots who had moved to the Wirral not long prior to Jim’s birth there. He was educated at Birkenhead School, where his Classics master recalls “a most competent pupil with a reserved manner and a quiet sense of humour.” At university, he studied initially in Durham, reading Classics as an undergraduate. He focused there on ancient philosophy, with a thesis on the reflections of (and responses to) Socrates’ teaching in the Greek dramatist Euripides in the fifth century BCE. Jim pursued this interest in Euripides further in a Masters degree. During this year he also began formal

study of Hebrew, receiving a MA level certificate in Biblical Hebrew. It was after that that Jim moved to Cambridge, to pursue a PhD under the supervision of Prof. Nicholas de Lange. This time of his doctoral work was also the beginning of his connection with Fitzwilliam College, where he was a student. Appropriately, his thesis focused on both the Hebrew and Greek texts of an important ancient Jewish work, the book of Ben Sira, and this bilingual study prepared him well for a career of research on the Septuagint. Jim was an avid linguist. I remember in one reading group we hacked through the often challenging Greek of Philo. A contemporary of Jim’s in his PhD days, and now the director of the Cairo Genizah Research Unit in the University Library, recalled to me once that he and Jim had studied Judaeo-Arabic together as students.

Jim held a variety of post-doctoral positions. Immediately after his PhD, he stayed on in Cambridge as part of the Semantics of Ancient Hebrew Database project (1995–2001), led by Fitzwilliam fellow Graham Davies. This involved pioneering work in producing digitised texts, no mean feat in work which often included several different alphabetic scripts. Jim never published his PhD, but his first book, *The Semantics of Blessing and Cursing in Ancient Hebrew* (2007), arose from his work on this Hebrew database. In 2001 he joined a project, “The Greek Bible in the Graeco-Roman World”, that began his serious study of the Septuagint. This work was based in the Classics department in Reading, under the leadership of the doyenne of Jewish studies Tessa Rajak. Thereafter Jim held a temporary position in Cambridge teaching Hebrew and Aramaic, and for two years was Academic Director of the Centre for the Study of Jewish-Christian Relations (The Woolf Institute) in Cambridge (2007–2009).

It was then – to my great delight – that Jim took up a lectureship in ancient Judaism in Cambridge, in 2009; thereafter he was Reader (2016) and Professor (from 2021) in Hebrew and Early Jewish Studies. During this time, settled in a permanent position, his research could thrive. He produced a second book, an authoritative study of the vocabulary of the Septuagint. But to define Jim’s research principally in terms of his sole-authored

books would be a mistake. He was the master of the compact, pithy essay tackling a particular philological problem: at the time of his death he had published 78 such studies, and eight more are forthcoming. These reflected Jim's wide-ranging interests, including studies of why the giraffe was deemed kosher, the obesity of the biblical villain Eglon, theories of race in antiquity, and an article on ancient medicine published in *The Lancet*. Jim's research flourished in particular in collaboration with others. He edited no fewer than eleven collaborative books, often the products of conferences he had organised. Jim was an avid conference-goer, and colleagues often gently ribbed him for his benign addiction to travelling to scholarly gatherings. He was always at the centre of discussions at conferences, where his academic distinction and his clubbable sociability were perfectly combined. A publisher friend of ours recalls discussions with Jim: "I remember many happy lunches, and drinks at conferences in various locations... I deeply valued Jim's advice on countless projects, whether in formal reader reviews or informal chats over a pint."

The marriage of intellectual discussion and sociability also attracted Jim to Cambridge college life when he returned to Fitzwilliam as a fellow in January 2011. Jim was always a lively conversation partner at meals: he usually came in for lunch, especially on Fridays for his beloved fish and chips. He threw himself into life in Fitzwilliam, taking on roles including pastoral Tutor and Praelector, presenting students for graduation. His longest tenure in a Fitzwilliam role was in the much-coveted position as a member of the Wine Committee.

Jim's other great contribution to the field lay in his devoted attention to his numerous doctoral students. He was remarkably tolerant and generous towards students, a fact which stood in some contrast to his often much more severe judgment of those who were supposed to be scholars. I remember an occasion when one of my own PhD students was working on a subject, part of which encroached on an area of Jim's expertise. I advised my student to ask Jim whether there were any good scholarly treatments of the subject, and warned him that Jim would say that there weren't. At our next supervision my student reported that my prophecy had proved true. Nevertheless, his PhD students report his remarkable kindness and patience towards them. One has commented, "I will remember Jim as the first scholar who was actually kind to me." And another: "I still remember the first time I met him. Not only did he allow me to ask all my silly questions, but he took them seriously and spent a lot of time with me." Or again: "I was utterly terrified to meet a real Cambridge scholar, but Jim soon put me at ease with his warm personality."

This attention to individual students was extraordinary given his stature as an international leader in his field, as

seen recently, for example, in his appointment to give the prestigious Grinfield Lectures in Oxford in 2021–2022. He undertook these lectures during his recent tenure as Chair of the Faculty Board of Divinity in Cambridge (2019–2022), when he proved himself a very efficient and considerate administrator. This ability was especially evident in his leadership of the Faculty during the recent pandemic, when, as one colleague has put it, "his equanimity, sobriety, and good sense came to the fore, and enabled us all to weather the storm reasonably effectively."

Jim suffered a heart attack on Friday 31 March, 2023. He died a week later, in the early hours of the morning of 7 April, in the Royal Papworth Hospital in Cambridge. We have lost a fine intellect, and colleagues in Fitzwilliam College, in the Faculty of Divinity, and around the world will miss him greatly. Our thoughts extend especially to his mother, his fiancée Diana, his sister Elizabeth and his brother John, for all of whom his death is such a terrible blow.

The earliest version of the legend about the miraculous translation of the Septuagint, the Epistle of Aristeas from the second century BCE, sets out the characteristics of the translators. They remind one of Jim himself. They are described as "men of the finest character and the highest culture", and "who had not only acquired proficiency in Jewish literature, but had studied most carefully that of the Greeks as well." Most apposite of all the descriptions of the translators is the remark: "They possessed a great facility for conferences!"

Written by Professor Simon Gathercole

DEREK CLIFFORD NICHOLLS

Dr Derek Nicholls has died aged 84 at his home in Fulbourn, Cambridgeshire. Through his deep involvement in many layers of the life of Cambridge he leaves an extraordinary legacy in and for countless of its people.

In the University, he was a lecturer in Land Economy and Head of Department there (1978–79), and served on Finance and Buildings Committees, overseeing the genesis of some of its most significant recent developments. In the Colleges, having been an undergraduate and PhD student at St John's (1958–64) he became a fellow, Senior Tutor and Vice President (1988–92) at Wolfson, also directing the Cambridge International Programme based there, and a fellow and Acting President (2004–5) at Fitzwilliam, and Director of the Cambridge International Land Institute (the Wilson Centre: 1996–2005). These appointments, and

his many travels internationally as visiting scholar, lecturer or government advisor, enabled him through many deep and lasting friendships to share a passion for land economy first nurtured as the younger son on a Cornish farm. There are now many more distant tracts of land stewarded in ways influenced by his counsel.

But his academic involvements, though many and varied, accommodated many others. In local politics he served as a County Councillor (1984–93) chairing (among other things) the Police Authority, and stood twice for parliament in the South West Cambridgeshire constituency. He believed not just in teaching policy that would be for the public good, but in making it by long-term, personal involvement in the democratic process.

Throughout such demanding engagements, his family nonetheless knew that he was theirs – first, foremost and always. Marrying his beloved Rosemary, who died in 2001, they raised two children, ran a wonderful home, garden and allotment, and welcomed countless visitors. They loved singing together, anything from duets to oratorio to Light Opera! He was immensely proud of his five grandsons. Each of them knew that their company was more precious to him than anyone's, and he travelled widely in his last months for precious time with all of them.

Deepest of all his commitments lay one sufficient anchor. Raised in Cornish Methodism, he held God to be the creator of all the earth and its people, which is why the earth and its people were so precious. All he did was in glad and grateful obedience to Jesus Christ, his Lord and Saviour. He served for over 55 years as a Methodist local preacher, making regular Sunday visits to Cambridgeshire chapels to lead and preach and encourage others. He poured countless hours into preparing sermons for congregations of any size, as well as bite-size devotions for his grandsons over Zoom during Covid and beyond.

Always unfailingly grateful for the care of the staff in the Haematology Department at Addenbrooke's Hospital, who tended him so kindly and expertly through over six years with multiple myeloma, he was happy to be at home in Fulbourn for his final days and was ready to leave from there, on 19 September 2023, for a still more lasting rest.

Written by The Reverend Professor David Thompson

DR CHRISTOHER PADFIELD



Christopher came to Fitzwilliam in 1968 and threw himself into many aspects of College life. He achieved his First in engineering, and had a life-long respect and affection for Dr Robin Porter Goff, who arrived at the beginning of Christopher's third year and was a brilliant DOS – the affection was mutual. He rowed in the First boat for a while (though he won his blade in the 'gravy boat' in his final year). A project which he undertook with Professor Jacques Heyman, showing why, despite appearances, Clare College Bridge will not fall down, won a (real!) Gold Medal from the Institution of Civil Engineers. As with many of us, it was the friendships that really mattered and lived with him. He knew nothing of Beethoven string quartets until introduced to them by his quiet first year neighbour, and this became a lifelong love. He also gained his love of Morris dancing, and of mountains as an undergraduate, making two strenuous trips to Greenland, under the leadership of Professor Keith Miller, including the first ever traverse of the Staunings Alps. He enjoyed fighting what he perceived as injustice – he enjoyed the memory of being a part of a group who appealed a Dean's fine, for frying, to the whole Governing Body.

He stayed at Fitzwilliam for a fourth year to take Part II in Philosophy, and then left to work for two years for Bos Kalis, a Dutch firm, working on harbour dredgers, with one year in Rotterdam and one year in St Nazaire. In that time he developed near perfect, if somewhat vulgar, Dutch and French. He came back to Cambridge in 1974 (to Darwin College) to do a PhD with Professor Andrew Scofield using the new centrifuge to model and study the banks of the Thames and Mississippi rivers. It was at the beginning of the third year of his PhD that he met his future wife Nicky, who came to Darwin to take the one year Diploma in Criminology, soon to become an MPhil.

Following his PhD Christopher joined Scott Wilson Kirkpatrick and Partners, consultant engineers. He managed projects in Senegal and Nepal, and spent several months in Zaire, Sudan, Somalia, Ethiopia and Kenya. He enjoyed his time as Managing Director of MASCOTT, a subsidiary of Scott Wilson specialising in the new area of sustainable rural development, but in 1988 he and Nicky returned to Cambridge, when he was appointed Director of the newly formed Cambridge Programme for Industry. He was successful in quickly building up the University's professional education capacity, and was in at the birth of part-time MSt courses. The Corporate Liaison Office, as it became, linked many departments with industrial partners. The CULIL (Cambridge University Local Industry Links) evening seminars were legendary for many years. He was interested in the process of learning, not least in the ways in which Universities themselves could learn. Perhaps his heart remained in practical engineering: his evidence to a House of Lords Select Committee on Science, Engineering and Technology in the modern Economy was well received, and he became the first non-French Directeur of the leading French engineering school, the Ecole des Mines, in Paris. He played a leading role in several European organisations committed to building post-qualification professional training.

He accepted a Fellowship at Trinity Hall in 1988, where he was a DOS for several years but he particularly enjoyed the role of Graduate Tutor, a post he held from 1990–2006. He lived life broadly: he enjoyed being a governor of Long Road Sixth Form College, a trustee and then chair of Relate Cambridge, and then for many years served on the Independent Monitoring Board of Bedford Prison. He became its chair, as well as the chair of the National Association of Members of Independent Monitoring Boards (see his article in the Guardian newspaper at <https://www.theguardian.com/society/2016/nov/30/warned-prisoners-could-riot-minister-didnt-listen>). But perhaps he was happiest in his house and garden and workshop – always with a project, whether bicycles, stained glass windows, building a boat, or a car, or just fiddling about... He was also a devoted husband, father and grandfather, and a good friend to many.

Christopher was wonderfully supportive of Nicky when she was elected Master of Fitzwilliam. They enjoyed the six years they spent in the Master's Lodge: Christopher cooked a pile of pancakes for every fresher, took gangs of students (and the Head Porter) out on adventurous Sunday tandem rides (he had six tandems), and sewed Nicky an eccentric outfit in the College colours for the May Bumps. He enjoyed conversations with everyone – staff, students and alumni. He was diagnosed with Parkinsons disease even before this time and lived bravely and well with his symptoms for many years.

His last two years were dominated by a fast-developing dementia, but he kept going – and died unexpectedly in his sleep at home in June 2023, aged 73.

Written by Professor Nicky Padfield, Master 2013-2019

PROFESSOR MONKOMBU SAMBASIVAN SWAMINATHAN



In the 1950s Monkombu Sambasivan Swaminathan, who died aged 98 in September 2023, spoke of his ambition to transform India's journey from being an agricultural "basket case" to a "bread basket". The resulting transformation became known as its green revolution.

Professor M S Swaminathan, a great scientist and visionary, was a distinguished alumnus and Honorary Fellow at Fitzwilliam.

We welcomed him to the College in 2018 and heard his thoughts about the #EvergreenRevolution, the need to sustainably address hunger and nutrition, and to secure farmer livelihoods and prosperity, especially for rural women. He leaves behind a towering legacy.

Written by Professor Bhaskar Vira

DR JOHN ORION THOMAS

John Orion Thomas was born in 1926 in Grovesend, West Glamorgan, and took a first-class degree in Physics from the University of Swansea in 1943. After wartime service working on radar systems, he returned to Swansea where he completed his PhD in 1953. He came to Cambridge, to the Cavendish Laboratory where he held a Senior Assistantship in Research and undertook further research on radio systems. He was Assistant Tutor in Physics at Fitzwilliam House for three academic years, from 1959 to 1962. Subsequently he

spent a year at Stanford, before joining the NASA Ames Research Centre. He returned to Britain in 1965, to the Physics Department of Imperial College; he edited the *Journal of Remote Sensing*, and was Chairman and subsequently President of the Remote Sensing Society. In 1981, five years before he retired from Imperial College, he set up a software company, Oxford Computer Services; this was concerned particularly with applications in remote sensing. He died in Abingdon in February 2023.

Written by Dr John Cleaver.

DR GEOFFREY WALKER



Geoff Walker, Life Fellow of the College, died in Cambridge on 22 August 2023, aged 87. He was one of the last surviving members of the small group of Fellows elected to reinforce Fitzwilliam's teaching capacity in the immediate aftermath of it achieving collegiate status in 1966. Geoff's Fitzwilliam roots, however, predate that crucial moment in the College's history. He came up to Fitzwilliam House, as it then was, in 1955 to read Modern Languages. Graduating in 1958, he stayed on as a research student in Spanish, completing his PhD in 1963.

The span of Geoff's association with Fitzwilliam is unequalled. It was fitting that his funeral should have been held in the Chapel on 26 September 2023, almost exactly a year after that, also there, of his beloved Anna. Her exceptional inclusion in the previous *Journal's* obituary notices testifies to her own contribution to the College community over the decades, familiar to successive cohorts of Fitzwilliam Modern Linguists who got to know her almost as well as Geoff. At his funeral, there was a moving tribute from John Latham (MML, 1975). This was reinforced at the Memorial Service for

Geoff on 22 March 2024. Whatever else was said at this occasion, the most powerful tribute to his life and work was the presence of so many other former students (a number of them coming from over the Atlantic) squeezed into the Chapel alongside friends, Fellows and former colleagues across the University.

One of the most distinguished of the latter was Professor Chris Pountain, representing the Faculty, who recalled that, as a freshman, he had been supervised by Geoff 58 years ago. Geoff had been appointed to a lectureship in the Dept. of Spanish in 1962. He was an outstanding linguist, having honed his oral and written fluency during his tenure of a British Council postgraduate scholarship and as an English Lecturer at the University of Madrid in 1958–59. His many roles in the University, gratefully evoked by Chris Pountain, included Geoff's heading with tact and diplomacy the newly constituted Dept. of Spanish and Portuguese in the early 1990s. Geoff's most lasting contribution to scholarship is his *Spanish Politics and Imperial Trade, 1700–1789*, which remains a standard text in English-speaking universities across the world and (in its translated version) in Spain itself.

His principal legacy will remain, however, his establishment of Catalan as an integral part of the study of Iberian history and culture. In his University post, he succeeded Josep Maria Batista i Roca, the eminent Catalan politician and academic. But Geoff gave the subject both an unprecedented Cambridge and international profile, helped by the fact that his own Catalan was as flawless as his Spanish. In Part II of the *Triplos*, the Catalan paper retains its popularity thanks to both his teaching and his subsequent lobbying in the Old Schools, at the Spanish Embassy and in Barcelona, to ensure that, after his retirement in 1997, this specialism would not be a victim of administrative economies. His own successors in the Faculty continue his dedication to the cause. Geoff's publications underline it, bringing the richness of Catalan culture to a wider audience. He was a founding member of the principal international association of Catalan studies. For many years, he presided over the Anglo-Catalan Society, enhancing its prestige to the point that it was recognised by both the Ramon Llull Prize and he himself being awarded the *Creu de Sant Jordi* by the government of Catalonia in 1989, when he was invited to give the annual lecture of the Catalan National Day, the *Diada*. Nothing is more telling of his reputation in the field than that a respectful notice of Geoff's death should be published in four of the province's leading newspapers.

It is testimony to Geoff's seamless marriage of professional and College loyalties that Fitzwilliam should be particularly in debt to the above 'legacy'. It is not fortuitous that there hangs in the College today

a portrait of Batista i Roca. It was Geoff who ensured that the latter's estate funds in perpetuity the Fellowship bearing his predecessor's name, which has benefitted a sequence of Catalan researchers and University lecturers. Geoff's own successors in the Faculty have maintained the tradition of holding their Fellowships at Fitzwilliam. Nor is it by chance that when in 1988 Cambridge conferred honorary degrees on King Juan Carlos I of Spain (in recognition of his championing of democracy after the Franco dictatorship) and Queen Sofia, it should be Geoff who played a crucial part in organising their welcome. For his work on their behalf, he was made a Comendador de la Orden de Isabel la Católica. And, almost inevitably, given that such honorands are required to have a college affiliation, it was at Fitzwilliam that the royal couple became Honorary Fellows.

But Geoff's contributions to the life and work of Fitzwilliam went far beyond any such publicly recognised endeavours. When first elected to a Fellowship in 1967, he was appointed Steward, at the time a thankless task involving a more direct responsibility than in the modern era for the staff in the college kitchens. He took on these onerous duties for four years in the first instance, and then again when nobody else was available. He also volunteered to act as Librarian at various points. He never declined membership of the College's myriad committees. He was the sort of selfless colleague upon whom all colleges depend. His lifelong commitment to Fitzwilliam is best exemplified, however, by his serving as Director of Studies for more than 20 years, from 1974 onwards. Alumni seldom remember the name of the Master during their time; sometimes that of their Tutor; they never forget who was their Director of Studies. Generations of Fitzwilliam MML undergraduates are indebted to Geoff's down-to-earth wisdom and support during their Cambridge careers. His modesty precluded him taking credit for their achievements. But he was intensely proud of, and for, them, that the College's MML students were consistently among the best-performing Tripos results during his years in post, top in 1990 and surpassed in 1992 when 50% of our Part II candidates were awarded Firsts, including one 'starred' and two of them heading the class-list.

Geoff's professionalism only partly reveals who he was as a person. When he first came up to Cambridge, it would be fair to say, he struggled somewhat. He exemplified Fitzwilliam's adherence to 'Widening Participation', long before the invention or current imperative of the term. His father having died when Geoff was a boy, his humble and single-parent background was a challenge only gradually overcome. His school reference from Liverpool College was prescient in promising that 'Walker will contribute much to Fitzwilliam and the University'. But the crusty

dons of the 1950s did not always appreciate a sense of humour that has since become unforgettable. For Geoff was a *raconteur sans pareil*. That one was never quite sure of the veracity of his anecdotes only added to the collective mirth he so effortlessly provoked. Whether with students, Fellows, guests on High Table, or making an after-dinner speech, he was the most entertaining of all the colleagues many of us have known over the last half century. He had many other gifts too: he was a brilliant pianist, able to play in pitch darkness as a result of his 'training' in the dimly lit night-clubs of Madrid during his student years. He was in some ways a man of a bygone era: in his hand-written letters, prefaced by a self-deprecating apology for what he called 'Victorian' protocols; in the outmoded habit (now consigned to Cantab mythology) of serving a glass of sherry (!) at the collective end-of-term meetings with his students; in never failing to comment to his dining companions that he thought *nouvelle cuisine* was ridiculous; and, more seriously, in his belief that the prime responsibility of academics was not original research, as it tends to be nowadays, but to teach the young.

On the other hand, Geoff valued historical continuity, incarnated in his personal involvement in the past and the future of the College. Some 30 years ago, it was he who gave the first-ever Memorial Service address in the recently completed Chapel. It was here that he paid tribute to his PhD supervisor and Fellow of Fitzwilliam, the Latin-American scholar Dr Jack Street who Geoff remembered 'first as a teacher, then as a colleague, but always as a trusted friend'. That accolade applies as much to Geoff himself, nurturing a Modern Languages tradition which his successors as Director of Studies have sustained. Those of us who knew him will have various memories of him: the gravelly warmth of his voice; his kindness; his fairness; his pipe. Those memories will be weighted, partial, impressionistic, subjective. What is certain is that Geoff will not be forgotten. For nearly 70 years, his affection for Fitzwilliam was untrammelled. It is symptomatic of his commitment to its future and its fortunes (in the widest sense) that he and Anna left a very significant part of their estate to the College for the benefit of Fitzwilliam students. The French have a marvellous euphemism for the deceased: not 'passed (away)' or 'gone' or 'lost', but rather *disparition*. Disappeared, no longer physically visible, but present in the mind's eye. Geoff Walker may be out of sight. Many of us see him still.

Written by Professor Robert Lethbridge, Master 2005–2013.

MEMBERS

1946

Albert Alwyn Clyde CARTWRIGHT
Geoffrey Heron COLE
Eric Geoffrey HOARE
Derek John WOOD

1947

John Francis SERTIN

1948

Frank KEIGHLEY

1949

Stephen Waddington LANE

1951

Jack LASSMAN

1952

Ian GORDON
Philip Henry HUDSON
John Gilbert KNIGHT

1953

Richard (Dick) Saward GALLIANO

1954

Ronald Francis CLARKE
Geoffrey Cyril HAZZAN
Michael John HINDLE

1955

Ieuan Pryce ELLIS
Michael Scott THOMPSON

1957

Terrence Edward HARDIMAN
Stuart David Houlden MOSEY
David R E PHILPOTT
William Anthony (Tony) SUTTILL

1958

John Alexander Davidson INNES

1961

John Victor TOMBLIN

1962

John Donald WALLER

1963

Alexander (Sandy) Douglas SMALL

1964

Geoffrey Charles CARRECK
Roger David FOSTER

1965

Timothy (Tim) Vernon RUNNACLES

1967

Edward (Ed) Brendan GILCHRIST
Timothy RAYNER

1968

Nigel Harold SCOTT

1970

Laurence Rowland John CARLISLE

1971

Howard David PAGE-CLARK

1972

Victor Pong-Chih LEE
Philip Hugh Victor STEVENSON

1973

Michael Austin HALLS

1974

Paul Roger John HUDSON

1975

Christopher Paul BERRIE
Neil Patrick HOOPER

1994

Timothy Tim James WAKELING



THE FITZWILLIAM SOCIETY

FITZWILLIAM SOCIETY COMMITTEE 2022–2023

President

Professor Glen Norcliffe (1962)

Vice-Presidents

Geoff Harrison (1955)

Professor Brian Johnson FRS (ex officio)

Professor Robert Lethbridge (ex officio)

The Reverend Professor David Thompson

John Adams (1958)

Sir Kenneth Olisa OBE (1971)

Professor Nicola Padfield KC

Dr John Cleaver

Dame Sarah Asplin DBE (1979)

Baroness Sally Morgan (Master) (ex officio)

Zoë Shaw (1979)

Rachael Webb (1979)

Secretary

Peter Howard (1970)

Treasurer

Robin Bell (1965)

Editor of the *Journal*

Dr Nicola Jones

Development Director (ex officio)

Peter O'Connor

Bursar (ex officio)

Rod Cantrill

Senior Tutor (ex officio)

Dr Paul Chirico

Elected members

Retiring 2023

James Harrington (2008)

Matt Bennison (2008)

Dr Helen Bettinson (1982)

Retiring 2024

Peter Bates (1959)

Stjepan Mandic (2008)

Tim Sullivan (1976)

Retiring 2025

Andrew Garden (1981)

Judith Bunting (1979)

JCR Co-Presidents (ex officio)

Sarah Anderson (2020) & Philip Harper (2021)

Charlie Mack (2021) & Hannah Curry (2021)

MCR President (ex officio)

Florin Badulescu

HONORARY INDEPENDENT EXAMINER

Roger Smith (1967)

ALL MEMBERS OF THE COLLEGE ARE AUTOMATICALLY MEMBERS OF THE FITZWILLIAM SOCIETY

The Fitzwilliam Society was established in 1924. Most of the specific aims for which the Society was established, including keeping records of members, publishing the *Journal* and arranging reunions, were delegated to the Development Office at the College some years ago. The Committee therefore reviewed the role of the Society in 2011 to ensure that it is useful and productive for members, and to strengthen the links between alumni and students. The Society exists to keep the members of Fitzwilliam College in contact with each other and with the College, to promote social, business and career networking and support, and to further the interests of Fitzwilliam College.

To achieve these objectives, the Fitzwilliam Society works principally through the Development Office to:

- collaborate in the publication of the Fitzwilliam *Journal*
- fund Fitzwilliam Society awards, scholarships, prizes and debates
- provide grant funds to support other student activities – see below
- support the College in organising careers-related events.

For the last eight years the Society has been making small grants to assist a variety of student activities. Projects supported by grants made in the last two years include:

- a new study table for the new MCR extension.
- open air cinema equipment
- a table tennis table for the MCR
- Fitzwilliam BBQ to celebrate the College's LGBTQ+ community
- planting and adopting 10 native and fruit trees across College properties

JOIN THE COMMITTEE

The Society operates through a Committee. The current members of the Committee are set out on the previous page, and we are always delighted to welcome new members. All members of the Society are eligible to stand for election to the Committee – please contact the Secretary through the Development Office if you are interested in doing so.

CAREER INITIATIVES

You can help students with career development by

- giving careers guidance to current students or recently graduated alumni at careers events organised by the College
- hosting a careers-themed event at your organisation
- telling the Development Office about any work experience or internship opportunities for students at your organisation
- making a gift to the Student Opportunities Fund which provides travel grants to students to help them undertake work experience placements.

AGM MINUTES

Held in the Reddaway Room, Fitzwilliam College at 5.30pm on Saturday 24th September 2022

The chair was taken by the President, Baroness Sally Morgan (Master). Others present included Nigel Barnard (1964), Phil Barnard (1960), Robin Bell (1965) (Treasurer), Dr Helen Bettinson (1982), Rod Cantrill (Bursar), Dr Paul Chirico (Senior Tutor), Gerald Coles (1958), Andy Evason (1980), Andrew Garden (1981), Peter Howard (1970) (Secretary), Keith James (1955), Prabhu Kashap (1980), Professor Robert Lethbridge (Vice-President), Dr Nicola Jones (Director of Communications and Engagement), Professor Glen Norcliffe (1962), Peter O'Connor (Development Director), Professor Nicola Padfield KC (Vice-President), John Pearman (1958), Catherine Quinn (Senior Development Officer), Stephen Trott (1981), Paul Wallace (1982) and Rachael Webb (1979) (Vice-President).

1 Apologies for absence

Apologies were received from John Adams, Peter Bates, Judith Bunting, Rosie Cook, Hannah Curry, Geoff Harrison, Charlie Mack, Stjepan Mandic, Hannah Petrovic, Zoë Shaw, Tim Sullivan, Rev. Professor David Thompson and Doug Webb.

2 Secretary's Report*

The report by the Secretary, which had been provided before the meeting, was approved.

3 Treasurer's Report and Accounts*

The report by the Treasurer and the accounts, both of which had been provided before the meeting, were approved. The Treasurer drew attention to the increase to over £51,000 in the amount of the loan to the College.

4 *Report on the Fitzwilliam Society Trust Fund*

The report had been provided before the meeting. Dr Chirico drew attention to the increased number of research grants and the opportunities for travel in this academic year.

Minutes prepared by Peter Howard, Secretary, and approved and signed by the President, Baroness Sally Morgan

**Reports are available to view online here:*

<https://www.fitz.cam.ac.uk/fitzwilliam-society>

5 *Election of Officers*

Professor Glen Norcliffe was elected as President for 2022-23, and gave a brief summary of his career, including his 50-odd years teaching in Toronto. He mentioned that he is still active and is doing some research during his visit to Cambridge.

Peter Howard, Robin Bell and Dr Nicola Jones were re-elected for a further year as Secretary, Treasurer and Journal Editor respectively.

6 *Election of Committee Members*

Judith Bunting and Andrew Garden were re-elected to the Committee for further 3 year terms.

7 *Election of Independent Examiner*

Roger Smith FCA was re-elected as the Independent Examiner for a further year.

8 *Any other business*

The Master said that last year felt much more normal, with new confidence and energy. Graduation went ahead, with family and friends present, albeit outside, which was very important. There was good support for Masters students; this is important as increasingly employers are looking for a Masters degree. The new wellbeing coordinator role helps. The building refurbishment project continues, which is important for students' decisions when choosing a college. The financial challenges continue but there are now more international students than during the pandemic.

The Senior Tutor reported that some students had been facing academic challenges and some had less exam experience than before lockdown. Some good news is the large number of Firsts, a near record.

Professor Norcliffe asked what the priorities of the Society should be. The Master suggested the emphasis should be on students, helping them right through their time at Fitz and also aiming to provide support when they leave. Some students have been struggling because their schools have given them insufficient help to work independently.

Rachael Webb proposed a vote of thanks to the President.

The meeting closed at 5.50 pm.

THE FITZWILLIAM SOCIETY

RECEIPTS & PAYMENTS ACCOUNT - year ended 31 July 2022

	Notes	2022	2021
Receipts			
Subscriptions	1	15,192.00	14,448.00
Donations received	2	<u>758.00</u>	<u>804.00</u>
		15,950.00	15,252.00
Payments			
The Fitz Journal - cost share	4	7,366.00	7,365.57
Magazines for JMA Student café	6	613.00	44.99
Grants to MCR and JCR	7	<u>2,168.99</u>	<u>2,550.50</u>
		10,147.99	9,961.06
Surplus for the year		<u>£5,802.01</u>	<u>£5,290.94</u>

BALANCE SHEET - at 31 July 2021

Assets			
Loan to Fitzwilliam College	8	51,136.62	45,334.61
Net Assets		<u>£51,136.62</u>	<u>£45,334.61</u>
Represented by:			
Accumulated fund at 1 August 2021		45,334.61	£40,043.67
Surplus for the year 2021-22	9	5,802.01	5,290.94
Accumulated fund at 31 July 2022		<u>£51,136.62</u>	<u>£45,334.61</u>

NOTES TO THE ACCOUNTS:

- The subscriptions shown above are those received in the period from members currently at the College. Subscription levels were reviewed in 2014-15, with all students (JCR and MCR) now paying on an equivalent basis.
- Donations received from members of the Society towards the costs of printing and postage of the Journal.
- The Society and the College share the cost of printing/distributing the Fitzwilliam Journal to those members of the College who are members of the Society. The figure is a final one for the year - the same as in 2021, but a review is planned with the College on a more appropriate split for the future, and this is expected in September 2022. An apportionment of the Editor's costs is met by the College.
- For the Economist and New Scientist in the Student Café.
- The Society made seven grants (total £2,169) to the MCR and JCR.
- The Society's assets are on loan interest-free to Fitzwilliam College, to the benefit of the Society's Trust fund at the College. The fund supports the College by awarding scholarships and prizes, funding research awards and the Milner Walton Music & Drama Awards, and an annual library grant.
- The surplus of £5,802 remains high because the Society's share of Journal costs has remained the same as the 2021 figure, and is subject to an early review.

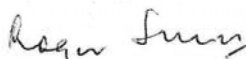


Robin G Bell, Honorary Treasurer

31/08/2022

HONORARY INDEPENDENT EXAMINER'S REPORT

I have examined the Receipts & Payments Account for the year ended 31 July 2022 and the Balance Sheet at that date together with the records and vouchers of the Society, and confirm them to be in accordance therewith.



Roger N Smith, Independent Examiner

11th September 2022



FITZWILLIAM COLLEGE

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