

# ANNUAL RECORD





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2022

Balliol College Oxford OX1 3BJ

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Editor: Anne Askwith (Publications and Web Officer)

Printer: Ciconi Ltd

The cut-off date for information in the *Annual Record* is 31 July. The lists of examination results (which exclude students who have chosen not to have their results published), graduate degrees, prizes, and scholarships and exhibitions may include awards and results made since that date in the previous academic year, as indicated. We are happy to record in future editions any such awards and results received after that date, if requested.

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FRONT COVER Megan Yamoah (2020, MPhil Economics) on her graduation day. Photograph by Stuart Bebb.

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### The Master's Letter

#### Dame Helen Ghosh DCB

'Are things back to normal?' is the question I am asked most frequently when I meet alumni these days. In the same way that the answer to 'How are you?' can be very short or rather long and complicated, the question about normality could have a variety of replies. And of course, it depends what you mean by 'normal'!

If you had walked into College at any stage in Trinity Term, you would have seen much that felt familiar: nervous-looking students in sub fusc, on their way to the Examination Schools, and others scurrying across towards the Library with a large pile of books and revision notes in their hands; people sitting on the lawn in the Garden Quad, picnicking and chatting to friends; tutors making their way briskly back to their rooms, on their way to give their next tutorial. And you would have spotted staff at work to support all this activity: the maintenance team inspecting drainpipes, the kitchen and front of house staff providing essential refreshment, the gardeners tending and watering, and scouts and porters going about their daily business.

I imagine that same sense of familiarity will strike you when you read the entertaining collection of reports from the College's various sports and societies. Who knew that Bar Sports could offer so many opportunities for drama and heroism? Dhruv Sengupta's gripping account makes an eloquent case for Blues status. Sian Dennett's report on the revivification of JCR life reminded me of watching one of those magical paper flowers that expand in water. As she says, there were many Balliol social traditions that had been lost from student memory, and it was a delight to see them re-grow, alongside serious, collaborative work by students on important issues such as climate change, welfare and equality.

One of the most historic and persistent rituals of life here is how we mark the passing of Fellows. The College flag at half-mast and the simple notice on the front gate always strike me as enormously moving, perhaps because they are so restrained. We have been catching up with a backlog of memorial services. The event for Wilfred Beckerman was a wonder, an eclectic concert in Hall given by a family of performers, organised by Wilfred's daughter Debbie. So too, in a more traditional way, were those for Roger Lonsdale and Malcolm Green, with a memorable reading at the first by Dame Hermione Lee of the Anonymous Lady's 'A Letter to My Love – All Alone, Past 12, in the Dumps' (1734) and at the second, a thrilling account of Malcolm's

explosive exploits in the lab from one of his many distinguished pupils. You can read the obituaries of all the Fellows we have lost this year, including Joseph Raz, Piers Nye, Godfrey Fowler and Alastair Howatson, at page 139.

So far, so (more or less) normal. What of the 'new normal'? One significant change in College life, unconnected with Covid, is the shift of our residential centre of gravity from west to east. The completion of our new accommodation in 2021 - 228 new rooms - at the Master's Field means that there are now more Balliol students living on what we are now calling the Dervorguilla Site (Jowett Walk and the Master's Field) and at Holywell Manor than there are on Broad Street. The new buildings, designed by Niall McLaughlin and his team, were among the winners of the 2022 Royal Institute of British Architects National Awards, and the judges particularly praised the 'compelling set piece' of the stacked timber ceiling in the Pavilion. Beyond the aesthetics, it is



The Pavilion at the Master's Field, showing the timber ceiling, which was praised by the RIBA judges. Photograph by Stuart Bebb.

wonderful to be able to offer all our undergraduates accommodation throughout their time with us, and to house 229 - almost 51% - of our graduate students.

Covid certainly was the catalyst for significant moves – across the University as well as within College – into the digital world. Though most tutorials have returned to face-to-face, many lectures continue to be available either solely or additionally online, to the delight of habitual late-risers. The University is working on a platform to support online examinations – still taken collectively - to ensure legible scripts and facilitate electronic circulation between examiners. Alumni are already familiar with our hybrid lectures, which attract hundreds of attendees whether virtually or in person. And in a College harbouring at least two stuffed owls, it seems appropriate that many College meetings now involve the participation of a Meeting Owl, to enable remote participants to be involved in the discussion in the room. I feel Jowett would approve.

As the JCR President mentions, this year also saw us commission an independent review of how we provide welfare support to students, the helpful recommendations of which we shall be putting into practice in the coming academic year. As Professor Martin Conway (convenor of the Working Group that directed it) said in a report on the work, it found that 'welfare provision in Balliol is in place and secure' and had many strengths, but to the continuing pressures of academic and personal life had been added the particular stresses of Covid, with all its consequences for collective and individual wellbeing. As a result, we – like many higher education institutions - have seen a substantial increase in demand for welfare support, in its many forms. That means we have to make sure that we have clear, effective and well-communicated ways within College to enable people to get the help they need.

For in the end, a flourishing College is one in which individuals - staff, students, academics - can themselves flourish, and fulfil their potential and their ambitions. That is what I believe 'back to normal' should look like, in every aspect of our community life. And we are well on the way.

## Balliol College 2021/2022

## Balliol College 2021/2022

#### Visitor

Reed, Right Honourable Lord, PC, LLB Edin, DPhil Oxf, Hon LLD Glas, FRSE

#### Master

Ghosh, Dame Helen, DCB, MA MLitt Oxf

#### **Fellows**

- Hazareesingh, Sudhir Kumar, MA MPhil DPhil Oxf, FBA, CUF Lecturer in Politics and Tutorial Fellow in Politics, and Senior Fellow
- O'Hare, Dermot Michael, MA DPhil Oxf, Professor of Chemistry, Senior Research Fellow in Chemistry and SCG Fellow
- Conway, Martin Herbert, MA DPhil Oxf, FRHistS, Professor of Contemporary European History, MacLellan-Warburg Fellow and Tutor in History
- O'Brien, Dominic C., MA PhD Camb, MA DPhil Oxf, Professor of Engineering Science and Senior Research Fellow in Engineering
- Skinner, Simon Andrew, MA MPhil DPhil Oxf, FRHistS, Associate Professor, Keen Fellow and Tutor in History
- Forder, James, MA DPhil Oxf, Andrew Graham Fellow and Tutor in Political Economy
- Trefethen, Lloyd Nicholas, AB Harvard, MA Oxf, MS PhD Stanford, FRS, Professor of Numerical Analysis and Professorial Fellow
- Lamond, Grant Ian, MA BCL DPhil Oxf, BA LLB Sydney, Associate Professor, Frankfurter Fellow and Tutor in Law
- Reichold, Armin J.H., MA Oxf, Diplom PAS Dr rer nat Dip Dortmund, Professor of Physics, Reader in Particle Physics, Fellow and Tutor in Physics
- Melham, Thomas Frederick, BSc Calgary, MA Oxf, PhD Camb, FRSE, FBCS, Professor of Computer Science, and Fellow and Tutor in Computation
- Perry, Seamus Peter, MA DPhil Oxf, Professor of English Literature, Massey Fellow, Tutor in English, Fellow Librarian and Fellow for Charity Matters
- Foster, Brian, OBE, MA DPhil Oxf, BSc Lond, FRS, Donald H. Perkins Professor of Experimental Physics and Professorial Fellow
- Shimeld, Sebastian Mordecai, BSc Southampton, MA Oxf, PhD Manc, Professor of Evolutionary Developmental Biology, Julian Huxley Fellow and Tutor in Zoology, and Vice-Master (Academic)
- Thomas, Rosalind, MA Oxf, PhD Lond, FBA, Professor of Greek History, Dyson-Macgregor Fellow, Jowett Lecturer and Tutor in Ancient History

- Lukas, André, BSc Wuppertal, MA Oxf, Dr phil TU Munich, Professor of Physics, Fellow and Tutor in Theoretical Physics
- Marnette, Sophie, Lic Brussels, PhD California, MA Oxf, Professor of Medieval French Studies and Dervorguilla Fellow and Tutor in French
- Lucas, David M., BA DPhil Oxf, Professor of Physics, Fellow and Tutor in Physics
- Barford, William, BSc Sheff, MA Oxf, PhD Camb, Professor of Theoretical Chemistry, Fellow and Tutor in Physical Chemistry
- Paoli, Sandra, MA Oxf, PhD Manc, Research Fellow in Romance Linguistics Goldin, Ian A., BSc BA Cape Town, MSc LSE, MA DPhil Oxf, AMP INSEAD, Professor of Globalisation and Development and Special Supernumerary Fellow
- Noe, Thomas H., BA Whittier, MBA PhD Texas at Austin, MA Oxf, Ernest Butten Professor of Management Studies and Professorial Fellow
- Hurrell, Andrew, MA MPhil DPhil Oxf, FBA, Senior Research Fellow
- Kelly, Adrian David, BA MA Melb, DPhil Oxf, Associate Professor, Clarendon University Lecturer, Fellow and Tutor in Ancient Greek Language and Literature
- Hamdy, Freddie Charles, MBChB Alexandria, MD Sheffield, LRCP-LRCS FRCSUrol Edinburgh, LRCPS Glasgow, Nuffield Professor of Surgery and Professorial Fellow
- Schiff, Sir András, Special Supernumerary Fellow
- Trott, Nicola Zoë, MA MPhil DPhil Oxf, Senior Tutor and Academic Registrar, and Tutor for Graduates
- Walker, Lisa Jane, BM BCh DPhil Oxf, BSc Manc, MRCPCH, PGCME Dund, Fellow in Medical Sciences and Tutor for Undergraduate Admissions
- Belich, James Christopher, ONZM, BA MA Victoria University of Wellington, DPhil Oxf, Beit Professor of Commonwealth and Imperial History, and Professorial Fellow
- Zaccolo, Manuela, MD Turin, Professor of Cell Biology, Fellow and Tutor in Biomedical Sciences
- Tufano, Peter, AB MBA PhD Harvard, Peter Moores Professor of Finance at Saïd Business School, and Special Supernumerary Fellow
- Lombardi, Elena, Laurea Pavia, MA PhD New York, Professor of Italian Literature, Paget Toynbee Lecturer in Italian Medieval Studies, Fellow and Tutor in Italian

- Tan, Jin-Chong, BEng (Mech) Malaysia, MEng NTU Singapore, PhD Camb, Professor of Engineering Science (Nanoscale Engineering), Fellow and Tutor in Engineering Science
- Robinson, Matthew, BA MSt DPhil Oxf, Associate Professor, Fellow and Tutor in Latin Literature
- Ghobrial, John-Paul, BA Tufts, MPhil Oxf, MA PhD Princeton, Professor of Modern and Global History, Lucas Fellow and Tutor in History, and Praefectus of Holywell Manor
- Burton, Martin, MA DM Oxf, FRCS (Oto), FRCS-ORL, Professor of Otolaryngology, Director of Cochrane UK and Research Fellow in Clinical Medicine, and Vice-Master (Executive)
- Choudhury, Robin, BA MA BM BCh DM Oxf, FRCP, Professor of Cardiovascular Medicine and Senior Research Fellow in Biomedical Sciences
- Moulton, Derek, BA Denver, MSc PhD Delaware, Associate Professor, Fellow and Tutor in Mathematics
- Wark, David Lee, MS PhD Caltech, BSc Indiana, FRS, Professor of Experimental Particle Physics and Special Supernumerary Fellow
- Cartis, Coralia, BSc Babec-Bolyai (Romania), PhD Camb, Professor of Numerical Optimisation, Fellow and Tutor in Mathematics
- Elkind, Edith, MA Moscow, MSc PhD Princeton, Research Fellow in Computational Game Theory
- Butt, Daniel, BA MPhil DPhil Oxf, Associate Professor, Robert Maxwell Fellow and Tutor in Political Theory
- Smyth, Adam, BA Oxf, MA PhD Reading, FSA, Professor of English Literature and the History of the Book, Clarendon University Lecturer, A.C. Bradley-J.C. Maxwell Fellow and Tutor in English Literature
- Ovenden, Richard, OBE, BA Durh, MA DipLib Lond, FRSA, FSA, FRHistS, Bodley's Librarian and Professorial Fellow
- Quarrell, Rachel, MA DPhil Oxf, Fellow Dean and Lecturer in Chemistry
- Kinsey, Bruce, BD MTh King's London, MA Camb, MA Oxf, Chaplain/ Wellbeing and Welfare Officer
- Norman, Richard Anthony, BA Oxf, Development Director
- Ballester, Miguel, BA(Econ) PhD Publica Navarra, Professor of Economics, Lord Thomson of Fleet Fellow and Tutor in Economics
- Caulton, Adam Edward Philip, BA Oxf, MPhil PhD Camb, Associate Professor, Clarendon University Lecturer, Fellow and Tutor in Philosophy
- Kaiserman, Alexander, MPhysPhil BPhil DPhil Oxf, Associate Professor, Fairfax Fellow and Tutor in Philosophy

- Howard, Philip, BA Toronto, MSc LSE, PhD Northwestern, Professor of Internet Studies at the Oxford Internet Institute and Professorial Fellow
- Neale, Vicky, BA MMath MA PhD Camb, Whitehead Lecturer in Mathematics and Supernumerary Fellow
- Gittos, Helen, BA Newcastle, MSt DPhil Oxf, Associate Professor, Colver-Fergusson Fellow and Tutor in Early Medieval History
- Godfray, Sir Charles, CBE, FRS, Professorial Fellow and Director of the Oxford Martin School
- Kiss, Elizabeth, BA North Carolina BPhil DPhil Oxf, Professorial Fellow and Warden of Rhodes House
- Lotay, Jason, MMath DPhil Oxf, Professor of Pure Mathematics and Tutorial Fellow in Mathematics
- Bown, Alexander, MA Oxf, PhD Geneva, Associate Professor, Fellow and Tutor in Ancient Philosophy
- Kwan, James, BS Rensselaer NY, MS MPhil PhD Columbia, Associate Professor and Tutorial Fellow in Engineering Science (Chemical Engineering)
- Davis, Katrina, BSc PhD Western Australia, Associate Professor and Tutorial Fellow in Zoology (Conservation Biology)
- Dickinson, Nicholas, BA MSt Oxf, MRes PhD Exeter, Bingham Early Career Fellow in Constitutional Studies
- Wright, Frances, BA Queen's Belfast, MSc Open University, Domestic Bursar Langton, Matthew, MChem DPhil Oxf, Associate Professor of Inorganic Chemistry and Royal Society University Research Fellow, Fellow and Tutor in Inorganic Chemistry
- Tasioulas, John, BA LLB Melb, MA DPhil Oxf, Professor of Ethics and Legal Philosophy, Senior Research Fellow, and Director of the Institute for Ethics in AI
- Burgeno, Lauren, BS California, PhD Washington, Dan Norman Early Career Fellow in (Bio)medical Sciences (Addiction Research)
- Tilley, Amanda, BSc Sheffield, FCA, Finance Bursar
- Chauhan, Seema, BA Cardiff, MPhil Oxf, PhD Chicago, Asoke Kumar Sarkar Early Career Fellow in Classical Indology
- Tait, Claudia, BSc MSc Padova, DPhil Oxf, Royal Society University Research Fellow and Early Career Fellow in Chemistry
- Smith, Frederick, BA Warwick, MPhil PhD Camb, Early Career Fellow in Early Modern History
- Dindjer, Hasan, MA BCL DPhil Oxf, LLM Harvard, Associate Professor, Blanesburgh Fellow and Tutor in Law

Koh, Harold Hongju, AB Harvard, BA Oxf, JD Harvard, MA Oxf, George Eastman Visiting Professor (Law)

Lajevardi, Nazita, BA UCLA, JD USF School of Law, PhD UCSD, Winant Visiting Professor of American Government

Gangloff, Dorian, BASc UBC, PhD MIT, Associate Professor of Engineering Science and Royal Society University Research Fellow, Fellow and Tutor in Engineering Science

Puppe, Clemens, BA Free University Berlin, PhD Karlsruhe, Oliver Smithies Visiting Fellow (Economics)

Coffey, Bysshe Inigo, BA MRes Exeter, MA MPhil Camb, PhD Exeter, Early Career Fellow in English

Dutta, Soumitra, BTech IIT New Delhi, MS PhD California, Dean of Saïd Business School and Professorial Fellow

Crawford, Neta, MA PhD MIT, BA Brown, Montague Burton Professor of International Relations

#### **Emeritus Fellows**

Lukes, Steven Michael, MA DPhil Oxf, FBA

Weinstein, William Leon, BA Columbia, BPhil MA Oxf

Montefiore, Alan Claud Robin Goldsmid, MA Oxf

Turner, David Warren, BSc Univ Coll of the South West, MA Oxf, PhD Lond, FRS

Barnes, Jonathan, MA Oxf, FBA

Howatson, Alastair Macrae, BSc PhD Edin, MA Oxf †

Rea, John Rowland, BA Belf, MA Oxf, PhD Lond, FBA

Fowler, Godfrey Heath, OBE, BM MA Oxf, FRCP, FRCGP, FFPH, DCM †

Morton, Keith William, MA Oxf, PhD New York

Stapleton, Barbara Jane, QC, BSc UNSW, PhD Adelaide, LLB ANU, DPhil DCL Oxf, FBA

Davies, Paul Lyndon, QC, LLM Lond, MA Oxf, LLM Yale, FBA

Lonsdale, Roger Harrison, MA DPhil Oxf, FRSL, FBA †

McFarland, David John, BSc Liv, MA DPhil Oxf

Stoy, Joseph Edward, MA Oxf

Powis, Jonathan Keppel, MA DPhil Oxf

Morris, Sir Peter John, AC, KB, MB BSc PhD Melbourne, MA Oxf, FRCS, FRS FMedSci

Cashmore, Roger John, CMG, MA DPhil Oxf, FRS

Noble, Denis, CBE, MA Oxf, PhD Lond, FRCP, FRS

Murray, Oswyn, MA DPhil Oxf, FSA

Gombrich, Richard, AM Harvard, MA DPhil Oxf

Newton-Smith, William Herbert, BA Queen's, Ontario, MA Cornell, MA DPhil Oxf

Logan, David Edwin, MA PhD Camb, MA DPhil Oxf

Raz, Joseph, MJr Jerusalem, MA DPhil Oxf, FBA †

Morriss-Kay, Gillian Mary, BSc(Hons) Durh, MA PhD Camb, MA DSc Oxf, Hon FAS

Roberts, Sir Edward Adam, KCMG, MA Oxf, FBA

Hodby, Jonathon Wilson, MA DPhil

Zancani, Diego, Laurea Milan, MA Oxf, Dott Bocconi

Jones, John Henry, MA DPhil Oxf, CChem, FRSC, FRHistS

McQuay, Henry John, BM MA DM Oxf, FRCP Edin

Bulloch, Penelope Anne Ward, MA PhD Camb, MA DPhil Oxf, ALA, FSA

Brown, Judith Margaret, MA PhD Camb, MA DPhil Oxf, FRHistS

Nye, Piers Charles Gillespie, MA Oxf, PhD California †

Schmidt, Aubrey Vincent Carlyle, MA DLitt Oxf

Hannabuss, Keith Cyril, MA DPhil Oxf

Buckley, Christopher Paul, MA DPhil Oxf, FIMMM, FIMechE, CEng

Swift, Adam Richard George, MA MPhil DPhil Oxf

Dupree, Hugh Douglas, BA Univ of the South, Tennessee, MA DPhil Oxf, MDiv Virginia

Abrams, Lesley Jane, MA Oxf, MA PhD Toronto, FRHist

Vines, David, BA Melbourne, MA PhD Camb, MA DPhil Oxf

Wilson, Timothy Hugh, MPhil Lond, MA Oxf

Kirwan, Dame Frances Clare, DBE, BA Camb, MA DPhil Oxf, FRS

Field, Robert William, MA MEng PhD Camb, MA Oxf, CEng, FIChemE

Endicott, Timothy A.O., AB Harvard, LLB Toronto, MA DPhil Oxf

Collier, Richard Hale, BSc US Naval Academy, LLM Camb, DrJur Cornell, MA Oxf

Green, Leslie, BA Queen's Canada, MA MPhil DPhil Oxf Minkowski, Christopher Z., AB PhD Harvard, MA Oxf

## Honorary Fellows

Norway, HM King Harald V of, DCL(Hon) Oxf

Thomas, Sir Keith Vivian, MA Oxf, FBA

Leggett, Sir Anthony James, MA DPhil DSc Oxf, FRS

Ricks, Sir Christopher Bruce, BLitt MA Oxf, FBA

Kenny, Sir Anthony John Patrick, MA DPhil DLitt Oxf, FBA

Carey, John, MA DPhil Oxf, FBA, FRSL

Mallet, John Valentine Granville, BA Oxf, FSA, FRSA

Japan, Her Majesty The Empress Masako of

Alberti, Sir George, BM BCh DPhil Oxf, FRCP, FRCPE, FRCPath

Patten, Christopher Francis, Rt Hon Lord Patten Barnes, CH, PC, MA, DCL(Hon) Oxf, Chancellor of the University

Strang, William Gilbert, SB MIT, MA Oxf, PhD Calif

Lucas, Sir Colin Renshaw, MA DPhil Oxf, FRHistS

Bowersock, Glen, AB (Harvard), MA DPhil Oxf

Dawkins, Richard, MA DPhil DSc Oxf, FRS, FRSL

Keene, Rt Hon Sir David, PC, BCL MA Oxf, Hon PhD (Brunel), ACI Arb

Nayyar, Deepak, BA MA Delhi, BPhil DPhil Oxf

Richards, William Graham, CBE FRS, MA DPhil DSc Oxf

Roitt, Ivan Maurice, MA DPhil DSc Oxf, FRCPath, FRS

Ryan, Alan, MA DLitt Oxf, FBA

Schmoke, Kurt Lidell, LLB Harvard, BA Yale

Berg, Maxine Louise, BA Simon Fraser, MA Sus, DPhil Oxf, FBA, FRHistS

Drayton, Bill, MA Oxf, JD Yale

Kroll, John Simon, BM BCh MA Oxf, FRCP, FRCPCH, FMedSci

Slack, Paul Alexander, MA DPhil Oxf, FRHistS, FBA

Taylor, Charles Margrave, BA McGill, MA DPhil Oxf, FBA

Graham, Andrew Winston Mawdsley, MA Hon DCL Oxf

Bayley, Hagan, MA Oxf, PhD Harvard, FRS

Bhargava, Rajeev, BA Delhi, MPhil DPhil Oxf

Donnelly, Peter, BSc Queensland, DPhil Oxf, FRS, FMedSci

Grey, Dame Clare, DCB, BA DPhil Oxf, FRS

Jones, Charlotte, BA Oxf

Kenyon, Sir Nicholas, CBE, BA Oxf

Nongxa, Loviso, MSc Fort Hare, DPhil Oxf

Penny, Nicholas Sir, BA Camb, MA PhD Courtauld (London), FSA

Portes, Richard, CBE, BA Yale, DPhil Oxf, FBA

Sheinwald, Sir Nigel, GCMG, MA Oxf

Wells, Sir Stanley, CBE, BA UCL, PhD Birmingham

Williamson, Timothy, MA DPhil Oxf, FBA, FRSE

Bone, Sir Drummond, MA Glas, MA Oxf, FRSE, FRSA

Al-Nashif, Nada, MA Oxf, MPP Harvard

Birney, J.F.W. (Ewan), CBE, BA Oxf, PhD Camb, FRS FMedSci

Chaudhuri, Amit, BA Lond, DPhil Oxf

Davies, Gavyn, OBE, BA Camb, BLitt Oxf

Dick, Dame Cressida, DBE QPM, BA Oxf

Flanders, Stephanie, BA Oxf, MA Harvard

Franklin, Oliver St Clair, OBE, BA Lincoln, BPhil Oxf

Horlick, Nicola, BA Oxf

Lewis, Gwyneth, MBE, BA MA Camb, DPhil Oxf

Misak, Cheryl, BA Lethbridge, MA Columbia, DPhil Oxf

Roper, Lyndal, BA Melbourne, PhD Lond

Snow, Peter, CBE, BA Oxf

Stevens, Simon Laurence, Lord Stevens of Birmingham, Kt, MA Oxf, MBA Strathclvde

Thomas, Sarah, AB Smith, MS Simmons, MA PhD Johns Hopkins, MA Oxf Winterbottom, Michael, BA Oxf

#### Foundation Fellows

Foley, Martin Anthony Oliver, MA Oxf

Moynihan, Jonathan Patrick, OBE, MA Oxf, MSc North London, SM MIT

Shirley, Dame Stephanie, CH, DBE, CEng, FBSC, FREng, CITP

Warburg, Rosemary Alison

Westerman, Matthew, MA Oxf

## Academic Visitors and Visiting Lecturers

Dr Mahroo Moosavi, Oliver Smithies Visiting Lecturer (Oriental Studies)

## College Lecturers

Badiu, Mihai, Dipl-Ing MS PhD Cluj-Napoca, Lecturer in Electrical Engineering

Bajo Lorenzana, Victoria, MD PhD Salamanca, Lecturer in Neuroscience

Baker, Eleanor, BA Lond, MPhil Camb, Lecturer in English

Bard, Professor Jonathan, MA Camb, PhD Manchester, College Adviser to Graduates in Medical Sciences

Barradas de Freitas, Raquel, BA Lisbon, MSt DPhil Oxf, Research Lecturer in Law

Barutchu, Ayla, BSc PhD La Trobe, Melbourne, Lecturer in Psychology

Berdeja Suárez, Diego, MSc Oxf, Graduate Teaching Assistant in Mathematics

Bogaert, Hannah, LLB LLM Gent, MJur Oxf, Lecturer in Law

Bulled, Johnathan, MChem Oxf, Lecturer in Chemistry

Burnham, Thomas, BA New Mexico State, MSt Hebei, Lecturer in History

Buxton, Xavier, BA Cam, MSt Oxf, Lecturer in History

Clift, Aaron, BA Victoria, MA Toronto, DPhil Oxf, Lecturer in History

Cosker, Tom, MBBch MA Wales, Lecturer in Anatomy

Czepiel, Maria, BA MSt Oxf, Lecturer in Spanish

Deer, Cécile Marie-Anne, MA DPhil Oxf, Lecturer in French

Dyson, Anthony, BSC DPhil Lond, Lecturer in Physics

Goddard, Stephen, MA DPhil Oxf, Lecturer in French

Gregg, Amy, MA Camb, MPhil Oxf, Lecturer in Law

Hallam, Michael, BMaSc(Adv) MPhil Adelaide, DPhil Oxf, Graduate Teaching Assistant in Mathematics

Hardwick, Alex, MA Camb, MSt, DPhil Oxf, Lecturer in Greek and Latin Language and Literature

Ivarsen, Ingrid, BA Oslo, PhD St Andrews, Departmental Lecturer in Early Medieval History

Jackson, John, BSc MPhil Manchester, PhD Sheffield, Lecturer in Biological Sciences

Kristjánsson, Hafsteinn, BA MJur Iceland, MJur Oxon, LLM Harvard, Lecturer in Law

Laidlaw, Michael, BA MA Camb, DPhil Oxf, Lecturer in Chemistry

Lewis, Liam, BA MA PhD Warwick, Lecturer in French

Littleton, Suellen M., BSc California, MBA Lond, Lecturer in Economics and Management Studies

Lock, Edwin, BA Oxf, BSc FernUniversität Hagen, MSc Oxf, Lecturer in Computer Science

Lydon, Steven, BA TCD, MPhil Camb, PhD Harvard, Lecturer in German Marcus, Max, BSc Bonn, MSc Oxf, Lecturer in Chemistry

Martin, Laura, BSc Durham, MRes Imperial London, Lecturer in Engineering Science

Martinson, Duncan, ScB Brown, Graduate Teaching Assistant in Mathematics

Maher, Damian, BA BA(Econ) Queensland, MSt Oxf, Lecturer in English

McIntosh, Jonny, MA Oxf, MA, MPhil London, Lecturer in Philosophy

Menrad, Sina, MA LMU Munich, German Lektorin

Nait Saada, Juba, MEng Télécom Paris Tech, MSc Res Oxf, Graduate Teaching Assistant in Mathematics

Neale, Vicky, BA MMath MA PhD Camb, Lecturer in Mathematics

Newbury, Guy Talbot, MA Oxf, MPhil Sussex, PhD Durham, Lecturer in Music

Orsborn, Matthew, BE Auckland, MBuddhStud DPhil Hong Kong, Lecturer in Oriental Studies

Palmer, Christopher William Proctor, MA DPhil Oxf, Lecturer in Physics

Quarrell, Rachel, MA DPhil Oxf, Lecturer in Chemistry

Rowan-Hill, Autumn, DPhil Oxf, Lecturer in Medicine

Ryley, Hannah, BA Durham, MSt DPhil Oxf, Lecturer in English

Sarkar, Bihani, MA MPhil (Classical Indian Religions) DPhil (Sanskrit) Oxf, Departmental Lecturer in Sanskrit

Savage, Rhiannon, MMath Oxf, Graduate Teaching Assistant

Sperrin, Daniel, BA MSt DPhil Oxf, Lecturer in English

Suchy, Rafael, BSc MSc Bonn, Lecturer in Economics

Tang, Brian, MEngEcM, DPhil Oxf, Lecturer in Engineering Science

Thomas, Arthur, BA Oxf, PhD Stanford, College Adviser to Graduates in Medical Sciences

Woodbury, Beau, BA MSt DPhil Oxf, Lecturer in History

#### New Fellows

## Dr Seema Chauhan, Asoke Kumar Sarkar Early Career Fellow in Classical Indology



Seema Chauhan's research explores premodern Hinduism from the unique perspective of Jaina narrative texts. Through her first book project, tentatively titled '(Mis)Understanding Brahmanism', she demonstrates that narratives from Prakrit and Sanskrit Purānas were a primary medium through which Jainas construct Brahmanism as a unified religion in the first millennium of the Common Era. More broadly, her research examines the ways in which narrative texts consolidate new reading practices. Seema joins Balliol from the University of Chicago

Divinity School, where she held a Martin Marty Center Junior Research Fellowship from 2020 to 2021, having completed a DPhil there. Previously she gained a BA Religious and Theological Studies at Cardiff University and an MPhil Classical Indian Religions at Oxford University.

## Dr Bysshe Inigo Coffey, Early Career Fellow in English



Bysshe Coffey is a British Academy Postdoctoral Fellow, working on the reception history of his distant relation Percy Bysshe Shelley during the period 1851-1922, when Shelley was canonised in the anglophone world, Europe and even the Far East. In this project he is examining the phenomenon of 'High Shelleyanism' and studying the differing principles of the poet's numerous editors, and charting the diffusion of Shelley's works and life through biography, cheap reprints, illustration, music and networks of influence. Bysshe is the author of Shelley's Broken World:

Fractured Materiality and Intermitted Song (Liverpool University Press, 2021), and assists Nora Crook with volume 8 of The Complete Poetry of Percy Bysshe Shelley (Johns Hopkins University Press). He has been a Huntington Fellow, an Armstrong Browning Library Visiting Scholar, and he was awarded a Carl H. Pforzheimer, Jr, Research Grant by the Keats-Shelley Society of America in 2021. He is also writing a study of F.R. Leavis, *Possibilities of Life*, and planning a biography of the early years of Harold Bloom. Bysshe was series consultant for a two-part documentary on Shelley for BBC Radio 4 which aired in July 2022. Educated at the Universities of Cambridge and Exeter, he was awarded a starred first, two commended distinctions at Master's level, and a doctorate.

## Professor Neta Crawford, Montague Burton Professor of International Relations

Professor Crawford's research focuses on war, ethics, normative change, emotions in world politics, and climate change. She is co-director of the 'Costs of War' project (www.costsofwar. org) based at Brown University. Her most recent publication is *The Pentagon, Climate Change, and War* (MIT Press, 2022). She is also working on *To Make Heaven Weep: Civilians and the American Way of War.* She has authored several other books including, most recently, *Accountability for Killing: Moral Responsibility for Collateral Damage in America's Post-9/11 Wars* (Oxford University Press, 2013).



She was a co-winner of the 2003 American Political Science Association Jervis and Schroeder Award for Best Book in International History and Politics for her book Argument and Change in World Politics: Ethics, Decolonization, Humanitarian Intervention (Cambridge University Press, 2002). She completed her BA at Brown University and her PhD at MIT. She has had postdoctoral fellowships and visiting scholar fellowships at Harvard, Brown, and the University of Southern California. In 2018, the International Ethics Section

of the International Studies Association gave her the Distinguished Scholar Award.

## Dr Hasan Dindjer, Associate Professor, Blanesburgh Fellow and Tutor in Law

Hasan Dindjer researches and teaches broadly across public law and philosophy of law; he also has interests in related areas of moral and political philosophy. In public law, he has worked especially on understanding and assessing standards of review in administrative law – particularly the standard of reasonableness. In philosophy of law,



he has worked on foundational questions about the nature of law, including in relation to contemporary challenges to legal positivism. Hasan was previously an Examination Fellow at All Souls College, Oxford, where he completed his DPhil. He read for his BA and BCL at New College, Oxford, and an LLM at Harvard Law School, where he was a Fulbright Scholar.

## Professor Soumitra Dutta, Dean of Saïd Business School and Professorial **Fellow**



Professor Dutta joined the Saïd Business School and Balliol from Cornell SC Johnson College of Business in New York, where he was the founding Dean and most recently held the position of Professor of Management. An authority on innovation in the knowledge economy, he has had a distinguished academic career that includes being current Chair of the Global Business School Network and 13 years in leadership roles at INSEAD. He serves on the boards of listed international corporations, has founded several successful start-ups, and co-chaired the World Economic Forum's Global Future Council

on Innovation Ecosystems. He is the co-editor and author of the Global Information Technology Report, published by the World Economic Forum, and the Global Innovation Index, published by the World Intellectual Property Organization. He has also acted as a senior advisor to governments on technology and innovation policies. He received a BTech in electrical engineering and computer science from the Indian Institute of Technology, New Delhi, from which he received the Distinguished Alumnus award 2017, and a MS in business administration and computer science and a PhD in computer science from the University of California at Berkeley.

## Dr Dorian Gangloff, Associate Professor of Engineering Science and Royal Society University Research Fellow, Fellow and Tutor in Engineering Science

Dorian Gangloff's research interests are in the field of quantum science and engineering. In particular, he works on interfaces between spin and photonic quantum bits in solid-state systems, and on leveraging many-body phenomena in spin ensembles for quantum information tasks. An Engineering Physics

graduate from the University of British Columbia (BASc 2010), in 2016 he received a PhD in Physics from MIT, with a focus on Atomic and Optical Physics. His PhD thesis demonstrated the first-ever use of a laser-cooled trapped-ion crystal to simulate nanofrictional processes, work which earned him a Junior Research Fellowship at St John's College, Cambridge, in 2017. There, he worked at the Cavendish Laboratory on coherent interfaces between solid-state qubits and easily transmissible photonic states: foundational components of quantum networking technologies



that offer the opportunity to investigate fundamental quantum optical phenomena. His recent work on all-optical control of two leading solid-state platforms – quantum dots and diamond colour centres – has had significant impact on spin-based quantum technologies and fundamental manybody physics. In 2021 he was awarded a Royal Society University Research Fellowship to develop quantum memories for optical quantum networks, and in 2022 was awarded a New Investigator Award by EPSRC, an Industrial Partnership Resource Fund by the Quantum Computation and Simulation Hub, and a collaborative grant with Korea's ETRI.

## Professor Harold Hongju Koh, George Eastman Visiting Professor (Law)

Harold Hongju Koh is Sterling Professor of International Law and former Dean at Yale Law School, where he has taught since 1985. He graduated from Harvard, Magdalen College, Oxford, and Harvard Law School, and has received 17 honorary degrees and more than thirty awards for his work in human rights and international law.

Professor Koh has served as Senior Advisor (2021-present) and Legal Adviser to the US Secretary of State (2009-2013) (receiving the Secretary of State's Distinguished Service



Award), Assistant Secretary of State for Democracy, Human Rights and Labor (1998-2001), and Attorney-Adviser at the US Department of Justice (1983-1985). He also served as a law clerk at the US Supreme Court and

at the US Court of Appeals for the DC Circuit. An Honorary Fellow of Magdalen College, he served as Visiting Fellow at All Souls College, Clarendon Lecturer in Law at the Oxford Law Faculty, Waynflete Lecturer at Magdalen College, and Arthur Goodhart Visiting Professor of Legal Science and Fellow of Trinity and Christ's Colleges, Cambridge. Author of eight books and more than 200 articles, he has argued before US and international courts, most recently in 2022 on behalf of Ukraine against Russia at the International Court of Justice, and testified before the US Congress. He received the Wolfgang Friedmann Award from Columbia Law School and the Louis B. Sohn Award from the American Bar Association for his lifetime achievements in international law.

## Professor Nazita Lajevardi, Winant Visiting Professor of American Government



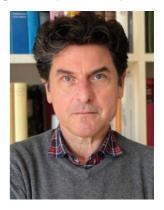
Photograph by Stuart Bebb.

Nazita is a political scientist and attorney at Michigan State University. Broadly interested in the question What is the status of marginalised groups in American democracy?' she studies issues related to political discrimination and exclusion of marginalised groups in the United States. Her scholarship has largely examined American public opinion and political behaviour through the lens of religious and racial identity, using an array of methodologies. Currently, she is working on two projects. The first evaluates the politically mobilising empowerment effects of minority and female politicians on historically excluded groups in American politics, through a series of video

experiments. The second, also using video experiments, evaluates the flip side of this question, and evaluates how members of marginalised groups respond politically to hostile political campaign ads that explicitly target them. She is the author of Outsiders at Home: The Politics of American Islamophobia (Cambridge University Press, 2020), and her work has been featured in the popular media, including The Atlantic, The New York Times and The Washington Post. She received her PhD from University of California, San Diego, a JD from the University of San Francisco School of Law, and a BA from UCLA. She was a postdoc at Uppsala University working on the CONPOL project in 2017 and a Visiting Researcher there in 2020–2022.

## Professor Clemens Puppe, Oliver Smithies Visiting Fellow (Economics)

Professor Puppe studied Mathematics and Philosophy at the University of Heidelberg and the Free University of Berlin and received his PhD from the University of Karlsruhe with a thesis on individual decision making under uncertainty. After a post-doc year at Harvard, he joined the Department of Economics at the University of Vienna, where he received his habilitation in 1997. From 1997 to 2003 he was Associate Professor of Economics at Bonn University, and since 2003 he has been full Professor at Karlsruhe Institute of Technology (formerly, University of Karlsruhe). In his research, he addresses topics in



microeconomic theory, especially decision theory and social choice theory. In either area, he is interested both in normative questions and in issues related to behavioural analysis. His main current research project is about the possibility of making collective decisions based on majoritarian principles. He is the editor-in-chief of the journal Social Choice and Welfare for Springer, and he co-edited the Handbook of Rational and Social Choice (Oxford University Press, 2009).

## Dr Frederick Smith, Early Career Fellow in Early Modern History

Frederick Smith joins Balliol from Clare College, Cambridge, where he was a Junior Research Fellow, having previously completed an MPhil and PhD in Early Modern History there. He has a long-standing interest in the history of exile and mobility, and the ways in which these phenomena shaped the history of Catholicism and Protestantism during the religious upheavals of the 16th and 17th centuries in Europe. This forms the subject of his first book, Transnational Catholicism in Tudor England (Oxford University Press, 2022). His current project explores perceptions of religious radicalism in early



modern Britain between 1500 and 1800, focusing in particular on the phenomenon of Anabaptism.

## Dr Claudia Tait, Royal Society University Research Fellow and Early Career Fellow in Chemistry



Claudia Tait's research is focused on the advancement of Electron Spin Resonance (ESR) spectroscopy and its application to improve the current understanding of fundamental spindependent processes in materials and devices for photovoltaics. She graduated from the University of Padova and then obtained her DPhil at the University of Oxford in Christiane Timmel's group, using Electron Paramagnetic Resonance spectroscopy to probe the electronic molecular structures of artificial supramolecular porphyrin assemblies and biological systems. Her thesis work has been awarded the Bruker Thesis

Prize and the John Weil Young Investigator Award from the International ESR Society. After a postdoc at the University of Washington focusing on instrumentation and method development for pulse ESR and a Marie-Curie Individual Fellowship at the Freie Universität Berlin working on investigating materials for organic electronics using EPR, she joined the Chemistry department of the University of Oxford as a Royal Society University Research Fellow.

## First-year graduates

Burgaard, Peder, University of Oxford, EMBA

Huang, Fang, King's College London, EMBA

Pai, Jerry, University of Cape Town, EMBA

Rucker, Zoe, University College London, DPhil English

Walker, Ben, University of Oxford, DPhil Mathematics

Weierts, Lukas, University of Münster, EMBA

Wong, Cherie, University of Oxford, DPhil Engineering Science

Aaba Atach, Ana-Diamond, King's College London, MPhil Modern Middle Eastern Studies

Andrews, Edward, University of Cambridge, EMBA

Annamaneni, Keerthana, Yale University, MPhil Politics: Political Theory

Bacchus, Jasmine, Brown University, MSc Social Science of the Internet

Banks, Will, University of Oxford, MSt Greek and/or Roman History

Barber, Joe, University of Oxford, DPhil Classical Languages and Literature

Barry, Angus, University of Oxford, DPhil Public Policy

Benjamin, Katherine, University of Oxford, DPhil Mathematics

Blane, Jasmine, Bournemouth University, DPhil Psychiatry

Blomquist, Kayla, University of Denver, MSc Social Science of the Internet

Byfuglien, Andrea, University of Oslo, DPhil Geography and the Environment

Carrara, Angelo, University of Bologna, MSc Financial Economics

Coppée, Arthur, King's College London, MPhil Classical Archaeology

Coulthard, Claire, University of Warwick, DPhil Inorganic Chemistry

Cox, Elyse, Columbia University, MPhil Politics: Political Theory

Dahl, Tor, Institut d'Etudes Politiques de Paris, MPhil Politics: European Politics and Society

Dash, Preeti Pratishruti, Harvard University, MSc Criminology and Criminal Justice

Dhonchak, Anupriya, National Law University, Delhi, BCL

Diaz Azcunaga, Ana Lucia, University College Utrecht, MPhil Law

Dorling, Anna, University of Oxford, DPhil Zoology

Drünkler, Mareike, University of Cambridge, DPhil Medieval and Modern Languages (German)

Dudley, Elizabeth, University College London, PGCE – History

Dunn, Joseph, University of Bristol, MSc Mathematical Sciences

Dunne, Olivia, University of Manchester, MSc Mathematical and Theoretical Physics

Ejaz, Ayesha, University of Glasgow, DPhil Biomedical and Clinical Sciences

Elijah, Lorenzo, University of Stellenbosch, DPhil Philosophy

Faglia, Paolo, University of Oxford, BPhil Philosophy

Farrier, Christian, University of Calgary, DPhil Primary Health Care

Feng, Kewei, University of Waterloo, Canada, MSc Financial Economics

Ferrante, Elijah, University of Oxford, MSt History – Modern European History 1850–present

Fish, Nicola, ZA University of Stellenbosch, BCL

Fisher-Pearson, Natasha, University of Oxford, DPhil Molecular and Cellular Medicine

Fiteni, Anna, University of Warwick, PGCE – English

Forst, Sophie, University of Oxford, DPhil Medieval and Modern Languages (German)

Frangulov, Alexander, New York University, MPhil Linguistics, Philology and Phonetics

Gartland, Shaun, University of York, DPhil Inorganic Chemistry

Gauthier, Nicholas, Columbia University, BPhil Philosophy

Gogineni, Manasa, University of California, Davis, MSc Social Anthropology

Green, Elizabeth, University of Oxford, MSt English (1830–1914)

Gridset, Ingrid, Norwegian University of Science and Technology, MSc Economics for Development

Gueroult, Quentin, University of Oxford, Inorganic Chemistry for Future Manufacturing (EPSRC CDT)

Guillaume, Kristine, University of Oxford, MSt History – Intellectual History Gupta, Sumona, University of Alabama, MSc Criminology and Criminal **Justice** 

Gurumurthy, Jyothsna, University of Oxford, DPhil Law

Gwacham-Anisiobi, Uchenna, Ebonyi State University, Nigeria, DPhil Population Health

Hassan, Safia, Queen Mary University of London, MSt Islamic Studies and History

Hewitt, Cal, University of Cambridge, DPhil Particle Physics

Higgs-Sharrock, Ella, University of Oxford, MSt History – Medieval History

Holloway, Philip, University of Cambridge, DPhil Astrophysics

Hood, Grace, Columbia University, DPhil Clinical Medicine

Hussain, Hatim, Gujarat National Law University, India, BCL

Hutchings, Heather, University of Cambridge, DPhil Classical Languages and Literature

Jackson, Matthew, University College London, Autonomous Intelligent Machines and Systems (EPSRC CDT)

Jama, Ikran, University of Toronto, MSc Criminology and Criminal Justice Jeanmaire, Caroline, Institut d'Etudes Politiques de Paris, DPhil Public Policy Kabel, Jonathan, University of Oxford, MPhil Economics

Kainga, Juliana, Jomo Kenyatta University of Agriculture and Technology, Nairobi, EMBA

Kershaw, Leo, University of Oxford, DPhil Classical Languages and Literature Kobayashi, Akari, Keio University, Japan, MSt English (650–1550)

Kufazvinei, Tafadzwa, University of Witwatersrand, DPhil Medical Sciences Kuhn, Lorenz, Swiss Federal Institute of Technology, Zurich, DPhil Computer Science

Leibowicz, Claire, University of Oxford, DPhil Information, Communication, and the Social Sciences

Lempres, Katherine, Harvard University, MSt History - Modern European History 1850–present

Leszczyk, Marianna, University of Glasgow, DPhil Classical Languages and Literature

Liu, Feng, Dongnan (Southeast) University, China, DPhil Engineering Science Lou, Katherine, Harvard University, MSc Social Science of the Internet

Lynam, Fred, University of Oxford, MSt Global and Imperial History

MacManus, Joseph, University of Bristol, DPhil Mathematics

Maier, John, University of Oxford, DPhil Politics

Marriott, Millie, University College London, MSt Greek and/or Latin Languages and Literature

Matsumiya, Yosuke, United Medical and Dental Schools of Guy's and St Thomas's Hospital, London, DPhil Women's and Reproductive Health

McFarlane, Ian, University of Oxford, Sustainable Approaches to Biomedical Science: Responsible and Reproducible Research (CDT)

McLoughlin, Max, University of Leeds, BPhil Philosophy

McQuaid, Sara, University of Oxford, DPhil History

Meredith-Rodriguez, Megan, University of Durham, MSc Theoretical and Computational Chemistry

Mueller, Marissa, University of Iowa, MSc Neuroscience

Myhre, Kristin, University of Bergen, MJur

Nguyen, Lynn, Yale University, MSt Modern Languages (French)

Nizza, Virginia, University of Oxford, DPhil International Relations

O'Connor, Bethan, University of Leicester, DPhil Physiology, Anatomy and Genetics

Onitiri, Temitope, University of Lagos, EMBA

Oreskovic, Tin, Columbia University, DPhil Population Health

Pan, Celeste Jingvan, University of Oxford, DPhil Oriental Studies

Pigram, Thomas, University of Oxford, MSt English (1550–1700)

Poddar, Mihika, University of Oxford, DPhil Law

Pooke, Ollie, University of Oxford, MSc Sustainability, Enterprise and the Environment

Puglia, Victoria, Lafavette College, USA, MPhil International Relations

Qayyum, Osama, Loughborough University, MSc Modern South Asian Studies

Quastel, Max, University of Cambridge, DPhil Clinical Medicine

Rajagopal, Sai, Harvard University, MBA

Ratcliffe, Julian, University College London, DPhil Philosophy

Reitzug, Fabian, University of Oxford, DPhil Population Health

Rizvi, Sana, University of Toronto, MPhil Modern South Asian Studies

Robertson, Poppy, University of Oxford, MSt Modern Languages (German)

Rodríguez-Romera, Antonio, University of Murcia, Spain, DPhil Medical Sciences

Römer, Hannah, RWTH Aachen University, Germany, DPhil Economics

Rotaru, Andreea, University of Oxford, PGCE – Mathematics

Sabbagh, Bilal, University College London, MPhil Islamic Studies and History

Sachdeva, Ragav, University of Adelaide, DPhil Engineering Science

Sandfelder, Dylan, McGill University, MSc Advanced Computer Science

Savage, Rhiannon, University of Oxford, DPhil Mathematics

Schellinx, Alec, University of Oxford, DPhil Information, Communication & Social Sciences

Sen, Navoneel, University of Delhi, DPhil Physical and Theoretical Chemistry Shao, Nan, Peking University, EMBA

Shields, Lauren, University of Durham, PGCE – Chemistry

Singer, Scott, University of Oxford, DPhil International Relations

Sng, Kiat Peng, National University of Singapore, MSc Law and Finance

Tang, Siwei, University of Toronto, MSc Financial Economics

Taylor, Vicky, University of Oxford, DPhil Criminology

Tse, Jeffrey, University of Waterloo, MSc Mathematical Sciences

Turner, Caroline, University of Warwick, MSt Ancient Philosophy

Usman, Fatima, Bayero University, Nigeria, DPhil Paediatrics

Uz, Can, Middle East Technical University, Turkey, EMBA

Vílchez Estévez, Lucía, University of Oxford, DPhil Atomic and Laser Physics

Wagner, Josh, Stanford University, MSt English (1700–1830)

Wallace, Ewan, University of Durham, MSc Theoretical and Computational Chemistry

Wankhede, Asang, University of Oxford, DPhil Law

Wilkinson, Daniel, University of Oxford, DPhil Politics

Wilks, Kenza, King's College London, MPhil Modern Chinese Studies

Wong, Kenneth, University of Toronto, MSt History - Modern British History 1850–present

Wood, Charlotte, University of Oxford, MSt History – Medieval History

Yer, Levent, Tsinghua University, MSc Social Science of the Internet

Yi, Eugene, Princeton University, DPhil Information, Communication, and the Social Sciences

Yuen, Liam, University of Hong Kong, BCL

Zhao, Naomi, University of Oxford, MSt Women's, Gender, and Sexuality Studies

Zhao, Puyi, Renmin University of China, MJur

## First-year undergraduates

Abensour, Henri (Vivek), Lycée Louis-Le-Grand, Paris, Physics

Alexandrou, Isabella, Sir William Borlase's Grammar School, Marlow, *Iurisprudence* 

Amanor-Boadu, Matthew, Wilson's School, Wallington, Engineering Science

Andronikos, Julia, St Paul's Girls' School, London, Economics and Management

Bahra, Kiran, Reading School, Mathematics and Computer Science

Barrick, Daisy, Wirral Grammar School for Girls, Merseyside, Medicine

Bartlett, William, Beechen Cliff School, Bath, Modern Languages (German & Italian)

Bloch, Cameron, Westminster School, London, Classics

Booth, Harriet, Cowbridge Comprehensive School, Wales, Jurisprudence

Braganca, Chloe, Notting Hill and Ealing High School, London, Chemistry

Brennan, Fintan, Bishop Vesey's Grammar School, Sutton Coldfield, History

Bretschneider, Tobias, King Edward VI School, Stratford-upon-Avon, **Mathematics** 

Bryan, Amelia, Newcastle Under Lyme College, Biology

Casuneanu, Maria (Otilia), National College, Iași, Romania, Mathematics

Chen, Jemima, Westminster School, London, English and Modern Languages (Italian)

Cheshire, Caitlin, Denbigh School, Milton Keynes, History

Coats, Isabel, St Paul's Girls' School, London, English Language and Literature Cullen, Jessica, Dubai English Speaking College, English Language and Literature

de Silva, Sahani, CMS Ladies' College, Sri Lanka, Medicine

Dlubak, Bartosz, St Gregory the Great Catholic School, Oxford, Physics

Duggan, Sean, Merchant Taylors' School, Northwood, Modern Languages (French and Italian)

Empson-Davies, Emily, Tormead School, Guildford, Classics

Ettinghausen, Isaac, Camden School for Girls, London, English Language and Literature

Evans, Molly, Merthyr Tydfil College, Wales, English Language and Literature Falconer, Benjamin, Merchant Taylors' Boys' School, Northwood, Ancient and Modern History

Feldmanis, Andreis, The International School of Latvia, Economics and Management

Ferrabee, Francis (Henry), St Paul's School, London, Classical Archaeology and Ancient History

Fraser, James, Saffron Walden County High School, Modern Languages (German & Italian)

Garcia, Alexander, The British International School of Houston, USA, History and Politics

Gardner, Benjamin, Tonbridge School, Mathematics

Gauray, Aditya, Peter Symonds College, Winchester, Mathematics

Gerguri, Blerton, Harris Westminster Sixth Form, London, History

Glossop, Samuel, Queen Elizabeth's Grammar School, Ashbourne, Medicine

Goreci, Arda, The Koç School, Turkey, Biomedical Sciences

Gresley, George, The Cotswold School, Bourton-on-the-Water, History,

Hadjipaschalis, Nikolaos, The International School of Paphos, Cyprus, Chemistry

Hassanali, Megan, Churcher's College, Petersfield, History

Hayden, Oscar, Godalming College, Jurisprudence

Hobbs, Helny, Newstead Wood School, Orpington, PPE

Holmes, Kate, St Paul's Girls' School, London, Classics

Houlahan, Frederick, St Albans School, English Language and Literature

Hughes, Michael, St Anselm's College, Birkenhead, History

Hughes, Oliver, Tonbridge School, Classics

Ingemarsson, Felix, Lancing College, History

Irvine, Jake, Exeter Mathematics School, Mathematics and Computer Science

Jarvis, Leila, Kensington Aldridge Academy, London, History and Politics

Jubb, Dylan, Horsforth School, Leeds, Engineering Science

Kanu, Lilia, St Mary Magdalene Academy, London, History and English

Kapsalis, Sophia, St Peter's Catholic School, Guildford, Biology

Keeling, James, Bishop Veseys Grammar School, Sutton Coldfield, PPE

Khosravi, Ali, Greenhead College, Huddersfield, History

King, Maisie, Didcot Sixth Form, Modern Languages (French and Italian)

Lam, Tsun Yin (Toby), St Joseph's College, Hong Kong, Mathematics

Larmond, Adrienne, Brampton Manor Academy, London, History

Lawrence, George, Shrewsbury School, Biology

Lee, Imogen, Godolphin School, Salisbury, Oriental Studies (Japanese)

Lee, Yi Hua Valerie, Raffles Institution (Junior College), Singapore, Jurisprudence

Li, Lianru, The High School Affiliated to Renmin University, China, PPE

Lin, Xi (Ether), Shanghai Guanghua Qidi College, Mathematics and Philosophy

Lumsdon, Eugenie, St Olave's Grammar School, Orpington, Chemistry

Maggs, Dylan, Forest Hill School, London, English Language and Literature

Mann, Alexander, Tanglin Trust School, Singapore, Chemistry

Mann, Irinvir, Newcastle Sixth Form College, Physics and Philosophy

Mannke, Eric, Holyport College, PPE

Marshall, Helena, Peter Symonds College, Winchester, Classics

Masding, Henry, Altrincham Grammar School for Boys, Computer Science

Miller, Jovan, Graveney School, London, Mathematics

Monaghan, Kate, Antrim Grammar School, Northern Ireland, History

Moriuchi, Ellie, St Clement Danes School, Chorleywood, English Language and Literature

Moutault, Léa, British School of Brussels, PPE

Muhammad, Abdul (Hadi), Valentines High School, Ilford, Engineering Science

Newman-Sanders, Helena, The Cardinal Vaughan Memorial School, London, Physics and Philosophy

Ovens, Jack, Truro and Penwith College, Chemistry

Parr, Euan, Shrewsbury School, Computer Science and Philosophy

Patel, Sachi, Bishop's Stortford College, Jurisprudence

Qu, Jianing, Pennon Education Group, China, Engineering Science

Ramos Florencio, Matheus, St Gregory the Great Catholic School, Oxford, Chemistry

Reece-Minutolo, Georgina, Manor School and Sports College, Wellingborough, Biomedical Sciences

Ristuccia, Marina, Hills Road Sixth Form College, Cambridge, PPE

Rolfe, Thomas, Abingdon School, Classics

Royan, Joshua, Peter Symonds College, Winchester, Economics and Management

Ruddock, Jaden, Loreto College, Manchester, Mathematics

Salam, Aiyla, Surbiton High School, Biology

Shuster, Sonia, Horace Mann School, New York, English Language and Literature

Simpson, Zack, Mearns Castle High School, Glasgow, PPE

Sullivan, Matthew, The Piggott School, Reading, Physics

Swan, Benjamin, Upper Canada College, Canada, History

Tcheng, Xing (Rachel), Cheltenham Ladies' College, Engineering Science

Tecle, Segen, Notre Dame Catholic Sixth Form College, Leeds, Medicine

Thomas, Felicity, Lady Margaret School, London, Physics and Philosophy

Todd, Amelie, South Hampstead High School, London, Chemistry

Trenner, Helen, Raffles Institution (Junior College), Singapore, Mathematics and Philosophy

Tsang, Kyle, Concordia International School Shanghai, China, Biomedical Sciences

Tweed, Cameron, Hurtwood House School, Dorking, Jurisprudence (with Law in Europe)

Ufer, Daniel, Bavarian International School gAG, Germany, Jurisprudence (with Law in Europe)

Umana Stuart, Callum, Zurich International School, Switzerland, Engineering Science

Verwey, Stephanie, Frome College, Physics

Von Baumgarten, Felix, Viktor Rydberg Gymnasium Djursholm, Sweden, PPE

Vydianath, Ananth, King Edward's School, Edgbaston, Engineering Science Wanstall, Isobel, St Edmund's School, Canterbury, Modern Languages (Italian) and Linguistics

Webb, Callum, Peter Symonds College, Winchester, PPE

Weisz, Benjamin, John Lyon School, London, Classics

West, Charles, Durham Sixth Form Centre, Modern Languages (French)

Wilson, William, Manchester Grammar School, English Language and Literature

Wilton, Ella, Ralph Allen School, Bath, Classics

Winter, Sophie, Parmiter's School, Watford, Mathematics

Wright, Katherine, Guildford High School, Biology

Wu, Yuling, Shanghai Pinghe School, China, Oriental Studies (Sanskrit)

Yiallouri, Panagiota, The G C School of Careers, Cyprus, History

Young, Laurence, Reading School, Ancient and Modern History

Yu, Qiaorong, Shanghai Guanghua College, China, Physics

Zaimovic, Edwin, St Paul's Catholic College, Sunbury-on-Thames, Medicine

Zednik-Hammonds, Sabine, Athenee Royal Jean Absil, Belgium, Oriental Studies (Japanese)

Zhou, Dafang, Hwa Chong Institution, Singapore, Mathematics and Computer Science

## Visiting students

Maier, Markus, Technical University of Munich, Germany, Mathematics Vellinga, Henrike, Leiden University, Netherlands, History

## College staff

#### Retirements

Brian Mossop, Holywell Manor Maintenance Handyman, 31 July 2021 (joined 3 February 2014)

Keith Smith, Lodge Porter, 10 April 2022 (joined 3 January 2012)

Alain Hunt, Lodge Porter, 31 July 2022 (joined 13 February 2012)

### **Appointments**

Farida Benmeziane, Early Years Practitioner (maternity cover), 31 August 2021

Sarah Whitteker, Nursery Practitioner, 20 September 2021

Rayssa Kobinski, Part-time Porter, 23 September 2021

Georgina Rudolph, Buildings Manager, 1 November 2021

Robert Foxx, Maintenance and Project Supervisor, 8 November 2021

Damian Backer-Holst, Maintenance Handyman, 17 November 2021

John Tolley, Maintenance Multi-skilled Operative, 6 December 2021

Anna Coles, Nursery Practitioner, 24 January 2022

Ines Nizigama, Alumni and Development Coordinator, 28 February 2022

Ilaria Gualino, Chaplain's and Dean's Secretary, 1 March 2022

Hannah Vinten, Alumni Events and Networks Officer, 14 March 2022

Fiona Chippendale, Student Finance and Support Administrator, 28 March 2022

Des Paphitis, Weekend Lodge Porter, 25 April 2022

Sarah Poulter, Domestic Bursar's PA and Office Administrator, 30 May 2022

Christopher Puddifoot, Lodge Porter, 6 June 2022

Lewis Harvey, Weekend Lodge Porter, 8 June 2022

Janet Quartly, Finance Bursar's PA, 8 June 2022

Chloe Butler, General Catering Steward, 20 June 2022

Patricia Amony, Weekend Lodge Porter (Holywell Manor), 29 June 2022

Nichole Tuckwell, Weekend Lodge Porter, 30 June 2022

Mark Doyle, Health and Safety and Project Supervisor, 4 July 2022

Jordan Moore, General Catering Steward, 4 July 2022

## **Departures**

Vaidas Olbutas, Part-time Porter, 2 August 2021

Terence Smith, Maintenance Painter, 11 August 2021

Roland Harris, Maintenance Manager, 13 August 2021

Claire Davies, Nursery Practitioner, 30 August 2021

Darren Lewis, Carpenter, 31 August 2021

Toby Christensen, Buildings Manager, 13 September 2021

Farida Benmeziane, Early Years Practitioner (maternity cover), 15 September 2021

Danielle Morris, General Catering Steward, 12 October 2021

Ruth Sheaves, Alumni Officer, 1 December 2021

Annie-Jo Simonite, Nursery Practitioner, 29 December 2021

Kevin Gorton, Maintenance and Project Supervisor, 10 February 2022

Roisin Moriarty, Bursars' Assistant/PA, 28 March 2022

Mandy King, PA to the Praefectus, 31 March 2022

Christopher Sharpe, IT Officer, 30 April 2022

Liudmyla Pryima, General Catering Steward, 29 May 2022

Mark Howe, Holywell Manor Lodge Manager, 31 May 2022

Rayssa Kobinski, Part-time Porter, 31 May 2022

Steven Myatt, SCR/Hall Steward, 5 June 2022

Guillermo Fernandez Garcia, Chef de Partie, 30 June 2022

Francisco Perez Castro, Chef de Partie, 14 July 2022

Stanimir Palashev, General Catering Steward, 17 July 2022

Des Paphitis, Weekend Lodge Porter, 17 July 2022

Juan Carlos Gimenez Bernat, General Catering Steward, 31 July 2022

# Review of the Year

## Review of the year

Nicola Trott (Senior Tutor)

We hope readers will take an interest in this content, which is produced for the College's annual accounts under Charities SORP - the Charity Commission Statement of Recommended Practice. Equivalent reports for previous years, going back to 2010–11, are published with the accounts, the archives to which may be found at www.ox.ac.uk/about/organisation/finance-and-funding/ archive-of-financial-statements?wssl=1.

## Selected highlights of the 2021/22 year

Nothing says life is back to normal like the opening of the JCR bar. In February 2022, both the Lindsay Bar and the JCR Pantry resumed business after being closed for essential repairs – and a pandemic. Student health had been given a head-start on consumption of food and drink: although use had to be restricted, a fully refurbished ICR gym was ready for action at the start of Michaelmas Term 2021. Another sign of renewal in the autumn was that, after sitting almost all of their final examinations online, recent graduands were able to come back to College for their degree ceremonies in person. And as the term drew to a close, the JCR Christmas party and other traditional Balliol festivities were not spoiled by the new spike in Covid-19 infections that was on its way. By March 2022, the first proper Torpids for three years featured various Balliol crews, and blades for the men's second boat; by April, the College was holding an Offerholders' Day; by June, it was hosting hundreds of school-age visitors at in-person Open Days for the first time since 2019;



LEFT The reburbished Lindsay Bar.

OPPOSITE The ICR Christmas Dinner, 2021. Photograph by Petros Spanou.



and by July, the Balliol choir was able to conduct a singing (and social) tour of various Cambridge colleges, made possible by a grant from the Balliol Society.

For all that, and for many new and returning members, the experience of being in residence while still under pandemic conditions, and in the shadow cast by remote learning under lockdown, was not easy. In addition, College Welfare provision came under scrutiny from students seeking changes to various aspects of non-academic provision, as a result of which a wideranging review was undertaken and a report issued in June 2022 under the stewardship of a group chaired by Professor Martin Conway (MacLellan-Warburg Fellow and Tutor in History). The report's recommendations, all of which have been accepted, are in the course of being implemented; the College is grateful to all who contributed to the enduring positive good that has come from the process.

Action for the good, even against the odds, has driven several other initiatives this year: redoubled efforts to promote biodiversity and reduce the College's carbon footprint (the JCR has led the way by having swift boxes, hedgehog hotels and bug houses installed at the Master's Field); a Ukraine Crisis Appeal Fund to assist students and academics fleeing the war to take up a graduate scholarship or visiting position in Oxford; and an expansion

Open Day, June 2022. Photograph by Stuart Bebb.



of our measures to combat educational and economic disadvantage in the UK, via a new Bridging Project, to help Balliol undergraduates from nontraditional backgrounds transition to university, together with the launches of Frontier - a science programme targeting state schools in Balliol's link regions of Hertfordshire, Norfolk and Suffolk as well as the London borough of Brent - and, the latest addition to the series, Discovery, a programme aimed at talented Key Stage 4 (Year 10) pupils. Floreat, the College's established humanities programme for state schools, is showing the benefits of this kind of sustained contact: in 2021, of its 39 participants, 27 applied to Oxford and, of those, nine have since received an offer of an undergraduate place. In all three access schemes, Balliol graduates are recruited to deliver online workshops and other teaching sessions, and to help run the residentials. Much briefer interventions are also paying dividends: for those already motivated to apply to Oxford, the College's Subject Taster Days, which typically bring school groups to meet Tutors and students in Balliol, are equally correlated with above-average success rates in admissions. Almost all undergraduate course pages now feature Balliol Tutors talking about what it is like to study at the College - in 2022, five more videos were added - and these, like the College itself, are of course open to everyone, regardless of background.

In the past year, the history of Balliol has been a subject of both celebration and investigation. The Balliol and Empire project published its findings, including a report on the College's links to the proceeds of slavery. Alongside this, talks and round-table discussions were held and a significant exhibition, Slavery in the Age of Revolution, and associated US-UK teaching project, were curated by the College Library, in partnership with the Museum of the American Revolution in Philadelphia and advised by Honorary Fellow Oliver Franklin (1967) and former Oliver Smithies Visiting Fellow Marisa Fuentes. The completion of the Master's Field Project, meanwhile, provided opportunities for naming and celebrating the College's long and diverse history, not least the memory of its founding benefactor, the Lady of Galloway and of Balliol, for whom the entire area is now known as the 'Dervorguilla site'. Individual buildings have taken the names of other Balliol greats and 'firsts', ranging from Sarup, the first student to submit for an Oxford DPhil, to Khama, the first President of independent Botswana, to Blumberg, the first Nobel Laureate and science Master of Balliol, to Clark, the first woman Tutorial Fellow of the former men's colleges, and Kirwan, the first woman Savilian Professor of Geometry at Oxford. Remaining buildings are named in honour of our late Visitor, Lord Bingham, the Nobel Prize-winning chemist Sir Cyril Hinshelwood,



Dr Lakshman Sarup (1916).



Dr Carol Clark (Tutorial Fellow 1973-2004). Photograph courtesy of the Clark family.

and – a student choice - the writer and philosopher Aldous Huxley. A string of RIBA nominations and regional awards followed, culminating in a 2022 National Award, to receive which architects from NMLA were joined by College representatives at a ceremony in the Serpentine Pavilion in London. Comparing great with small (but only slightly less challenging) things, the Balliol Chalet - now held in Trust with New and University colleges - has spent lockdown having its roof expensively replaced. This summer, student reading parties resumed, for the first time in three years, with two Balliol trips, and the Chalet saw its first authoritative history published, Oxford University on Mont Blanc: The Life of the Chalet des Anglais by Stephen Golding, Emeritus Fellow of University College, now available from all good bookshops.

The intellectual outputs of Balliol people ranged from An Applied Mathematician's Apology by Professorial Fellow Nick Trefethen to the solution for a long-standing maths conjecture relating to prime numbers and primitive sets provided by graduate student Jared Lichtman. In the digital environment, a tool for collating textual variants, which was developed by Physics Lecturer Chris Palmer and others in a project funded by the Balliol Interdisciplinary Institute, is now being more widely adopted for use in scholarly editing; and Nick Dickinson, Bingham Early Career Fellow, became host to a <u>new podcast</u>, emanating from the Oxford Constitutional Studies Forum,

and bringing together collaborators from both Law and Politics. To remind us that the virtual is not the only cultural environment, *Inscription: The Journal of* Material Text, an experimental periodical devised by English Tutor Adam Smyth and colleagues, released its second issue, with an accompanying exhibition, in London. And, as well as creativity, a world of pain that is only too real was released, in May 2022, with a film called Eleven Days in May, directed by Honorary Fellow Michael Winterbottom (1979), about Gaza and the children

who have died in the conflict there. Feelings of pain and pride also converged in witnessing the work of this year's George Eastman Visiting Professor, Harold Koh, when, in March 2022, he argued on behalf of Ukraine in a suit filed against the Russian Federation at the International Court of Justice in The Hague. Professor Koh was among those who generously contributed to a rich and diverse programme of Praefectus' Seminars that was enjoyed by the College's graduate community. Another welcome visitor, meanwhile, James

Manyika (former JRF in Engineering), brought to all students opportunities to meet a favourite childhood author (Lemony Snicket) and to attend office hours for advice and mentoring. And the fulsome participation of economist Clemens Puppe was in the best traditions of the Oliver Smithies Visiting Fellowship.

#### Select Honours to Balliol people

It is strange to be writing fresh in the knowledge that this year saw the last of the Queen's Birthday Honours. A very special honour, then, that two of the College's Honorary Fellows, Professor Clare Grey FRS (Junior Research Fellow 1990–1991), who was made DBE for services to science, and Gwyneth Lewis (1985), who was made MBE for services to literature, together with alumni Alison Bertlin (1980), made CBE for public service, and Matthew Hamlyn (1980), made CBE for services to Parliament, were in Her Majesty's final list in June 2022.



Professor Dame Clare Grey (Junior Research Fellow 1990-1991). DBE. Photograph by Gabriella Bocchetti © University of Cambridge.

At the start of 2022, the New Year Honours list included five Balliol alumni: Peter Usborne (1958), CBE for services to literature; Thomas Cookson (1961), MBE for services to education; Professor Jonathan Michie (1976), OBE for services to education; Jeremy Mayhew (1977), OBE for public and voluntary service, and Adrian Bird (1988), CB for services to British foreign policy.

The College was also proud to congratulate alumnus John Wylie AC (1983) on being awarded the Companion of the Order of Australia in the 2022 Australia Day Honours list.

In October 2021, the Europaeum, a network of Europe's leading universities founded and led by Balliol people, was awarded Leiden University's Scaliger Medal and, in November, the institution's chief inspiration in recent times, former Master and Honorary Fellow Andrew Graham, was awarded a Gold Medal by Charles University, Prague.

The award of the biennial Anatomical Society Prize Medal for 2020-21 went to Emeritus Fellow Professor Gillian Morriss-Kay, and was presented to her at the Dublin Anatomical Society meeting at which she delivered the prize lecture in January 2022.

In August 2021 the College received with pleasure news of the election to the Fellowship of the British Academy of three Old Members of the College, including former Tutor in Philosophy (1993-2007) Helen Steward; and in October 2021 of the induction into the Canadian Medical Hall of Fame of former Nuffield Professor of Surgery (2000-2008) Jonathan Meakins.

## Select awards and appointments made to alumni

In October 2021, Professor Sir Drummond Bone (1968), former Master and Honorary Fellow, was appointed Chair of the National Library of Scotland. Professor Sir Peter Donnelly FRS (1980), also an Honorary Fellow, and cofounder and CEO of Genomics plc, received two awards in the course of the year - the Royal Society's Gabor Medal for 2021 and the 2022 William Allan Award, conferred on him by the American Society of Human Genetics. Emeritus Fellow Professor Dame Frances Kirwan FRS (1981) was awarded the 2021 Royal Society's Sylvester Medal, which was created in memory of

Professor lames Maynard. (2009). Photograph by Evan Nedyalkov.

a mathematician who held the Savilian chair of Geometry she now occupies.

Among a slew of other interesting and impressive achievements by Balliol academic alumni, the stand-out award was of a 2022 Fields Medal to James Maynard (2009), now a Research Professor in Number Theory at Oxford. Also remarkable was the appointment of Helen Scott (1999), currently a Tutorial Fellow at Oxford, to be the Regius Professor of Civil Law in Cambridge University, a chair founded by Henry VIII in 1540. The College welcomed the news that Professor Dilip Menon (1984) had been awarded a 'Science Breakthrough of the Year 2021' prize by the Falling Walls Foundation for his work on theory from the global south. Of

particular pleasure in Balliol itself was the unveiling of a portrait by Nina Mae Fowler, the same artist who was previously commissioned to paint Professor Frances Kirwan, of alumna Professor Karma Nabulsi (1989) – a picture which now hangs in the Master's Dining Room.

Beyond the academy, there are many more alumni accomplishments than can be included here, the measure of which is best reflected in the News and Notes that accompany Floreat Domus. A sample few that came up as items of news on the Balliol website were the award to Mick Herron (1981) of the Theakston Old Peculier Crime Novel of the Year, a much coveted prize for which he had already been shortlisted five times in six years; the entry of Michal Tarnowski (2016) in the Forbes '25 under 25' Polish list for



Portrait of Professor Karma Nabulsi (1989), oil on canvas, 125 x 94 cm, 2022, by Nina Mae Fowler.

his work in education technology; the appointment of Vipin Narang (2002) as Principal Deputy Assistant Secretary of Defense for Space Policy at the US Department of Defense; the co-founding and pre-seed funding by alumna Wenmiao Yu (2015) of the Oxford spin-out Quantum Dice, which is working to revolutionise encryption key security; and, back to Balliol's public service tradition, the appointment of Robin Walker (1997) as Minister of State for School Standards and of David Johnston (2000) as PPS at the Department of Education – both, however, resigning their positions in July 2022.

#### Select awards of current members

A rich variety of rewards went to Balliol Fellows. In January 2022, Sudhir Hazareesingh (1981) capped a string of prizes for his biography of Toussaint Louverture with the American Library in Paris Book Award. A book-related appointment was gained by Richard Ovenden when in February 2022 he added to his role as Bodley's Librarian the part-time post (and best Oxonian acronym) of Head of GLAM (which is to say, Gardens, Libraries and Museums). Major competitive grants were landed, from the EPSRC, by James Kwan and Tom Melham, the former for research into clean and sustainable hydrogen production, the latter in connection with the Robust and Reliable Quantum Computing (RoaRQ) programme; and also, from the Leverhulme



Professor Tom Melham (Professor of Computer Science and Fellow and Tutor in Computation).

Trust, by particle physicist Brian Foster, as recipient of an Emeritus Fellowship, and by Sanskritist Chris Minkowski, as PI on a Research Project Grant.

As co-founder and -convener of a Masterslevel course in Law and Computer Science, the latest in his long record of ground-breaking multi-disciplinary collaborations, Tom made the shortlist for a 2022 Vice-Chancellor's Education Award. Further afield, Jason Lotav was selected for the distinguished UC Berkeley Chancellor's Professorship 2022-23, to be held at the Mathematical Sciences Research Institute while he is on sabbatical; and, in the UK, Adam Smyth was elected as a Fellow to the Society of Antiquaries. Coming back to Oxford, there was a Recognition of Distinction and, with it, the award of the title of Professor, for three of the

College's Tutorial Fellows, Coralia Cartis (Mathematics), John-Paul Ghobrial (History), and Sebastian Shimeld (Zoology). Cora received another mark of distinction, along with David Clifton, former Research Fellow in the Sciences and Lecturer in Engineering at Balliol (2014–2018), both being named Fellows of the Alan Turing Institute.

Balliol students as ever scooped a number of accolades: Henry West won the 2021 British Atherosclerosis Society's Early Career Investigator Competition; International Relations graduate Mathias Gjesdal Hammer was shortlisted for the Observer/Anthony Burgess prize for arts journalism 2022; Engineering undergraduate and Lubbock Scholar Eugenia Beldarrain Gutierrez was nominated one of Spain's 'Top 10' in the 'Civil, Other Engineering & Technology' category of the 2022 Nova 111 Student List; Computer Science undergraduate Filip Mihov played for the team that won the 139th Varsity chess match between Oxford and Cambridge, also individually taking 'best game prize'; and Petrous Spanou, also one of our Junior Deans (and a talented photographer whose images often feature in the College's social media), was awarded a 2021 Royal Historical Society/Institute of Historical Research Centenary Fellowship for his doctoral work.

#### In Memoriam

Thankfully, the College was once more able to host memorial events. Celebratory services were held for Emeritus Fellows Professor Wilfred Beckerman, Professor Roger Lonsdale, and Professor Malcolm Green; and the funerals of Professor Godfrey Fowler and Dr Alastair Howatson took place in Chapel. The occasion of the posthumous publication of the last work of Professor Stefano Zacchetti was also observed there, a lighted candle being placed alongside a copy of his book. Further sad losses for the Fellowship, marked by lowering the College flag to half-mast, included those of Emeritus Fellows Dr Piers Nye and Professor Joseph Raz, and former Junior Research Fellow Anthony Cockshut. We remember them all.

#### Development

In these turbulent times, the support of alumni and friends is ever more greatly appreciated. Nowhere was this more obvious than in the launch of the Balliol Ukraine Crisis Appeal, through which more than 250 donors have given more than £65,000 (and counting) in record time successfully to

Guests at the Benefactors' Picnic, in Hall rather than outdoors because of inclement weather. Photograph by Stuart Bebb.



support a Ukrainian postgraduate scholar and British Academy 'Researcher at Risk' visiting fellow. At the time of writing we keenly await the arrival of both into the College community, building on the College's notable history of welcoming refugees.

Efforts to broaden access to Balliol led by the David Freeman Outreach Officer, itself a post endowed by Michael Freeman (1969) in memory of his father, are almost entirely supported by benefaction. Notable in the current year were the new Bridging Project to help with transitions to university, supported especially by Ian Davis (1969) and David Kogan (1976), who joined a cohort of donors towards the continued development of Floreat and the launches of Frontier and Discovery, new science outreach sustained contact programmes aimed at sixth formers and Year 10 pupils respectively.

The College was delighted by the return to in-person events once again, including its first Gaudies since 2019, the Deans' Dinner to thank all those whose generosity is of such lasting value, and a raft of Degree Days for three years of graduands that featured, in ceremonies after April 2021, around half making a leavers' gift to the ongoing Ukraine Appeal. One of many reminders that the normal to which we have now largely returned isn't quite what it was, the programme of online - and now hybrid - lectures and events remains firmly in place, as one of the most popular features in the calendar.

## Achievements and Awards

## **Graduate Scholarships**

## College Scholarships

#### Alfred Douglas Stone Scholarship

Schellinx, Alec, DPhil in Information, Communication and the Social Sciences

#### Anderson Scholarship

Gueroult, Quentin, Inorganic Chemistry for Future Manufacturing

## Balliol Scholarship

Forst, Sophie, DPhil in Medieval and Modern Languages Banks, William, MSt in Greek and/or Roman History

#### **Brian Dickinson Scholarship**

Kershaw, Leo, DPhil in Classical Languages and Literature

#### Dan Norman Scholarship

O'Connor, Bethan, DPhil in Anatomy and Genetics

#### Dervorguilla Scholarship

Nizza, Virginia, DPhil in International Relations Taylor, Victoria, DPhil in Criminology Wong, Cheuk Yin, DPhil in Engineering Science

## **Eddie Dinshaw Scholarship**

Dash, Preeti, MSc Criminology and Criminal Justice

## Foley-Bejar Scholarship

Rodriguez-Romera, Antonio, DPhil in Medical Sciences Vilchez Estevez, Lucia, DPhil in Atomic and Laser Physics

## John Henry Jones Scholarship

Gwacham-Anisiobi, Uchenna, DPhil Population Health

## **Jowett Copyright Trust-Balliol Scholarship**

Banks, William, MSt in Greek and/or Roman History

## **Jowett Scholarship**

Matsumiya, Yosuke, DPhil in Women's and Reproductive Health Aaba Atach, Ana-Diamond, MPhil in Modern Middle Eastern Studies

## JT Hamilton Scholarship

Benjamin, Katherine, DPhil in Mathematics

#### Marvin Bower Scholarship

Singer, Scott, DPhil in International Relations

#### Oxford Economics Scholarship

Roemer, Hannah, DPhil in Economics

#### Peter Storey Scholarship

McQuaid, Sara, DPhil in History

#### Ramage Scholarship

Blane, Jasmine, DPhil in Psychiatry Eck, Luisa, DPhil in Theoretical Physics

#### Singapore Law Scholarship

Sng, Kiat Peng, MSc in Law and Finance

#### Snell Exhibition

Ejaz, Ayesha, DPhil in Biomedical and Clinical Sciences

#### Snell Scholarship

Leszczyk, Marianna, DPhil in Classical Languages and Literature

#### Tang Scholarship

Azcunaga, Ana Diaz, MPhil in Law

#### UK Research and Innovation awards

#### Arts and Humanities Research Council

Leszczyk, Marianna, DPhil in Classical Languages and Literature Kershaw, Leo, DPhil in Classical Languages and Literature McQuaid, Sara, DPhil in History

#### **Economic and Social Research Council**

Nizza, Virginia, DPhil in International Relations Taylor, Victoria, DPhil in Criminology

## **Engineering and Physical Sciences Research Council**

Benjamin, Katherine, DPhil in Mathematics

Gueroult, Quentin, Inorganic Chemistry for Future Manufacturing (Doctoral Training Partnership)

Jackson, Matthew, Autonomous Intelligent Machines and Systems (Doctoral Training Partnership)

McFarlane, Ian, Sustainable Approaches to Biomedical Science: Responsible and Reproducible Research (Doctoral Training Partnership)

#### Science and Technology Facilities Council

Hewitt, Cal, DPhil in Particle Physics

#### International awards

#### Aker Scholarship

Byfuglien, Andrea, DPhil in Geography and the Environment Dahl, Tor, MPhil European Politics and Society Myhre, Kristin, Magister Juris Gridset, Ingrid, MSc in Economics for Development

#### Commonwealth Scholarship

Usman, Fatima, DPhil in Paediatrics

#### Marshall Scholarship

Annamaneni, Keerthana, MPhil in Politics

#### Rhodes Scholarship

Dhonchak, Anupriya, Bachelor of Civil Law Farrier, Christian, DPhil in Primary Care Guillaume, Kristine, MSt in Intellectual History Hussain, Hatim, Bachelor of Civil Law Jama, Ikran, MSc in Criminology and Criminal Justice Kufazvinei, Tafadzwa, DPhil in Medical Sciences Mueller, Marissa, MSc in Neuroscience Naidoo, Nerissa, MPhil in Law Poddar, Mihika, DPhil in Law

Pooke, Oliver MSc in Sustainability, Enterprise and the Environment Puglia, Victoria, MPhil in International Relations

Rajagopal, Sai, MBA

Wilks, Kenza, MPhil Modern Chinese Studies

## University awards

Aaba Atach, Ana-Diamond, MPhil in Modern Middle Eastern Studies, Clarendon Scholarship

Banks, William, MSt in Greek and/or Roman History, Faculty of Classics Scholarship

Barber, Joseph, DPhil in Classical Languages and Literature, Wolfson Postgraduate Scholarship in the Humanities

Blane, Jasmine, DPhil in Psychiatry, Oxford University Psychiatry Studentship

- Coulthard, Claire, DPhil in Inorganic Chemistry, Department of Chemistry Graduate Studentship
- Dash, Preeti, MSc Criminology and Criminal Justice, Criminology Department Funding
- Dorling, Anna, DPhil in Zoology, Zoology Department Leverhulme Trust Scholarship
- Eck, Luisa, DPhil in Theoretical Physics, Department of Physics Condensed Matter Theory Studentship
- Ejaz, Ayesha, DPhil in Biomedical and Clinical Sciences, Wellcome Trust Doctoral Training Fellowship
- Ferrante, Elijah-Matteo, MSt in History, Crankstart Scholarship
- Fisher-Pearson, Natasha, DPhil in Molecular and Cellular Medicine, Kennedy Institute Studentship
- Gartland, Shaun, DPhil in Inorganic Chemistry, Leverhulme Trust Graduate Studentship
- Green, Elizabeth, MSt in English, English Faculty Studentship
- Gueroult, Quentin, Inorganic Chemistry for Future Manufacturing (EPSRC CDT), Clarendon Scholarship
- Gwacham-Anisiobi, Uchenna, DPhil Population Health, Medical Sciences Graduate School Studentship
- Hadjifrangiskou, Ioannis, DPhil in Philosophy in Theoretical Physics, Gould & Watson Scholarship
- Hood, Grace, DPhil in Clinical Medicine, Nuffield Department of Medicine Prize Studentship with National Institute of Health and Social Care Research Health Protection Research Unit in Emerging and Zoonotic Infections Studentship
- Holloway, Philip, DPhil in Astrophysics, Department of Physics Scholarship Kuhn, Lorenz, DPhil in Computer Science, Future of Humanity Institute DPhil Scholarship
- Leibowicz, Claire, Doctor of Philosophy in Information, Communication and the Social Sciences, Oxford Internet Institute Shirley Scholarship
- MacManus, Joseph, DPhil in Mathematics, Heilbronn Doctoral Partnership Scholarship
- O'Connor, Bethan, DPhil in Anatomy and Genetics, Medical Sciences Graduate Studentship
- Reitzug, Fabian, DPhil in Population Health, Department of Population Health Studentship, Clarendon Scholarship

Matsumiya, Yosuke, DPhil in Women's and Reproductive Health – Oxford Kobe Scholarship

Nguyen, Lynn, MSt in Modern Languages, Ertegun Graduate Scholarship Rodriguez-Romera, Antonio, DPhil in Medical Sciences, Weatherall Institute of Molecular Medicine Prize Studentship

Roemer, Hannah, DPhil in Economics, Economics Department Scholarship Sachdeva, Ragav, DPhil in Engineering Science, Department of Engineering Science Research Studentship

Schellinx, Alec, DPhil in Information, Communication and the Social Sciences Singer, Scott, DPhil in International Relations, Clarendon Scholarship

Vilchez Estevez, Lucia, DPhil in Atomic and Laser Physics, Clarendon Scholarship

## Undergraduate Scholarships and Exhibitions

## **Biology**

Seth Blake, Brackenbury Scholarship; Alice Mosey, Brackenbury Scholarship; Ayesha Wijesekera, Brackenbury Scholarship; Jaya Robinson, Brackenbury Exhibition; Ellie Smith, Brackenbury Exhibition

#### **Biomedical Sciences**

Katherine Hammond, Exhibition; Chloe Taylor, Exhibition

## Chemistry

Allison Arber, Mouat Jones Scholarship; Orla Supple, Mouat Jones Scholarship; Amy Hawkins, Mouat Jones Exhibition; Zoe Nicholas, Mouat Jones Exhibition; Lucy Weatherill, Mouat Jones Exhibition; Lidao Li, Andrew Pang Scholarship; Keer Xing, Andrew Pang Exhibition

## Computer Science

Stefan Constantin-Buliga, Markby Scholarship; Filip Mihov, Theobald Scholarship; Henry Pearson, Arthur Levitan Exhibition; Lily Sowden, Donald Michie Exhibition

## Computer Science and Philosophy

Jeno Suh, Arthur Levitan Scholarship; Benjamin Hack, Markby Scholarship

## **Economics and Management**

Dhruv Sengupta, Markby Scholarship; Michael Hampshire, Markby Exhibition

## **Engineering Science**

Eugenia Beldarrain Gutierrez, Lubbock Scholarship; Markus Baumgartner, Lubbock Exhibition; Caleb Mbanaso, Lubbock Exhibition; Jonathan Melia, Lubbock Exhibition; William Cubitt, Jervis-Smith Scholarship; Leila Legris, Jervis-Smith Exhibition; Jaewon La, Newman Scholarship; Arese Joe-Oshodi, Newman Exhibition

## English

Kate Greenberg, Elton Scholarship; Kitty Ollard, Elton Scholarship; Elizabeth Murphy, Higgs Scholarship

#### **English and Modern Languages**

Angus McNevin, Cecil Spring Rice Exhibition

#### History

Tristan O'Leary, Fletcher Scholarship; Clara Holcroft, Fletcher Exhibition; Caitlin Leithead, Fletcher Exhibition; Mateusz Kacperski, Fletcher Exhibition; Oskar Bishop, Reynolds Exhibition; Emily Littlejohn, James Gay Exhibition; Mia Jeronimus, James Gay Exhibition

#### **History and Economics**

Paul Dugdale, Reynolds Exhibition

## History and English

Sasha Harden, Elton Scholarship; Zoe Gross, Fletcher Exhibition

## History and Modern Languages

Eva Link, Fletcher Scholarship; Georgie Cutmore, Cecil Spring Rice Exhibition

## **History and Politics**

Max Spokes, James Gay Exhibition; Henry Weeks, Reynolds Exhibition

#### **Mathematics**

Aleksandra-Sasa Bozovic, Arthur Levitan Scholarship; Molly Monks, Les Woods Scholarship; Teo Simion, Les Woods Scholarship; Sulaiman Wihba, Les Woods Scholarship; Oliver Cort, Les Woods Exhibition; Paul Kim, Les Woods Exhibition; Gabriel Le Dain, Arthur Levitan Scholarship; Hanming Liu, Arthur Levitan Exhibition; Oliver Perree, Arthur Levitan Exhibition; Paul Scarr, Markby Scholarship; Auri Guarino, Markby Exhibition; Linus Kelsey, Markby Exhibition

#### **Mathematics and Computer Science**

Arend Mellendijk, Konstantinos Katsikas Scholarship; Joe Qian, Konstantinos Katsikas Exhibition; Andrew Shamis, Markby Exhibition

## Mathematics and Philosophy

Nicholas Wiseman, Les Woods Scholarship; Dylan Holmes Cowan, Les Woods Scholarship

#### **Mathematics and Statistics**

Lauren MacKenzie, Arthur Levitan Scholarship

#### **Medical Sciences**

Theo Heath-Coleman, Exhibition

#### Modern Languages

Samuel Feltham, Brassey Scholarship; Harry Lauchlan, Cecil Spring Rice Scholarship; Deborah Lemke, Cecil Spring Rice Exhibition

#### PPE

Evelina Griniute, Fletcher Scholarship; Amelia Wood, Fletcher Scholarship; Eva Yu, Fletcher Scholarship

Seraphine Borrie, Fletcher Exhibition; Rosie Ward, Fletcher Exhibition; Rocco Huesch, Markby Scholarship; Leo Rogers, Markby Scholarship; Matilda Gettins, Markby Exhibition; Emily Passmore, James Hall Scholarship; Daniyar Voogdt, James Hall Scholarship; Calum Isaacs, James Hall Exhibition; Rohan Oyewole, James Hall Exhibition

## **Physics**

Vlad Catanea, Prosser Scholarship, Sidhaarth Kumar, Newman Exhibition; Qian Lin, Theobald Exhibition

## Physics and Philosophy

Siqi Chen, Prosser Scholarship; David Danin, Theobald Scholarship; Max Heitmann, Newman Scholarship

#### **Prizes**

## College prizes

## Any subject

Xander Angelini-Hurll, Prelims Prize Levi Arden, Prelims Prize

Aditi Chandra, Prelims Prize Sacha Chowdhury, Prelims Prize Adam Cutts, Prelims Prize Yixuan (Wendy) Dang, Prelims Prize Sian Dennett, Prelims Prize Bethan Draycott, Prelims Prize Harry Hatchard, Prelims Prize Molly Jenkinson, Prelims Prize Maisie Molyneux, Prelims Prize Matthew Shipway, Prelims Prize

#### Chemistry

Allison Arber, Greville-Smith Prize (shared) Louis Minion, Greville-Smith Prize (shared)

#### Classics

Asher Weisz, Samuel Dubner Prize (Classics) Miriam Dirnhuber, Samuel Dubner Prize (Classics) (proxime accessit)

#### Engineering

William Cubitt, Prosser Prize Eugenia Beldarrain Gutierrez, Lubbock Prize

## **Mathematics and Joint Schools**

Aleksandra-Sasa Bozovic, Prosser Prize Hanming Liu, Prosser Prize Lauren MacKenzie, Prosser Prize

#### Medical and Biomedical Sciences

Matilda Pope, Wurtman Prize (first prize) Danish Malik, Wurtman Prize (runner-up)

## Modern Languages

Samuel Myers, Brassey Prize

#### PPE

Paul Dugdale, James Hall Prize Matilda Gettins, GDH Cole Prize James Keeling, Samuel Dubner Prize Lea Moutault, Samuel Dubner Prize (proxime accessit) Zack Simpson (proxime accessit)

#### Non-academic College awards

Zelda Cahill-Patten, Gertrude Hartley Poetry Prize (shared)

Max Spokes, Gertrude Hartley Poetry Prize (shared)

Charles West, Gertrude Hartley Poetry Prize (shared)

Max Spokes, Sir Raymond Beazley Prize (shared)

Zoe Lambert, Sir Raymond Beazley Prize (shared)

#### Pathfinders Programme awards

2020/2021 (awards delayed because of pandemic):

William Westerman Pathfinder Awards to North America: Rebecca Clark, Sarah Duffy, Joseph Fisher, Natasha Fisher-Pearson, Daniel Gonsalez Pavesio, Emma Hinnells, Michael O'Connor, Poppy Sowerby, Jedidiah Xayaraj, Mick Yang

2021/2022:

William Westerman Pathfinder Awards to North America: Megan Feltham, Holly Hunt, Shreya Kirpalani, Frederick Lynam, Naa-Odoley Ntodi, Amelia Wood

William Westerman Pathfinder Awards to Asia: Raphael Grenier-Benoit, Caitlin Leithead, Gwen Williams

#### **Mexican Explorers**

Alex Lamb, William Cubitt, Eugenia Beldarrain Gutierrez

## University prizes

Preeti Pratishruti Dash, MSc Criminology and Criminal Justice 2021-22: Routledge Prize for Best Dissertation in the 2021-22 Examination and Roger Hood Prize for Best Performance in the 2021–22 Examination

Anupriya Dhonchak, BCL, Law Faculty Prize for Comparative Copyright and Monckton Chambers Prize in Competition Law

Nicola Fish, BCL, Law Faculty Prize in Regulation and Law Faculty Prize in Trades, Marks and Brands

Jaya Robinson, Mary Snow Prize for Meritorious Work in Biology in secondand third-year MBiol examinations

## Final Honours Schools (FHS)

Stefan Constantin-Buliga, FHS Computer Science, Part C, Hoare Prize for best overall performance in Computer Science 2022;

Jake Dealtry, FHS Jurisprudence, The Prize in Criminology & Criminal Justice Gyu Ho Jeong, FHS Economics and Management, Said Foundation Prize for the Best Performance in the Accounting Paper in 2022

Samuel Myers, FHS Modern Languages (French): David Gibbs Prizes, proxime accessit for best performance in Modern Languages; David Gibbs Prizes, best performance in Modern Languages for best submitted work in ML Extended Essay Paper XIV; Gerard Davis Prize, best extended essay in French literary studies; Paget Toynbee Prize, best performance in French Paper VI; Paul McClean Prize, best performance in French sole

Jeno Suh, FHS Computer Science, Part B, Gibbs Prize for Computer Science and Philosophy 2022 for Parts A and B, paying particular regard to Philosophy papers; and Gibbs Prize for Computer Science and Philosophy 2022 for Parts A and B, paying particular regard to Computer Science papers

2020/2021

Louis Minion, runner-up Physical & Theoretical Part II performance in the Part II Examination in Chemistry in 2021

2019/2020

Emma Gattey, Beit Essay Prize for best dissertation in the Master's in Global and Imperial History (2019–2020)

#### Examinations

## Distinctions in graduate degrees

BCL: Nicola Fish

BPhil: Michael O'Connor EMBA: Alec Permison MJur: Puyi Zhao

MPhil Economic and Social History: Kate Reed

MPhil Economics: Moritz Bonacker, Sarah Duffy, Megan Yamoah

MPhil Greek and/or Roman History: Yiwei Qi

MPhil Modern Middle Eastern Studies: Alice Catanzaro

MPhil Traditional East Asia: Sarah Sklar

MPP: Ollie Pooke

MSc Criminology and Criminal Justice: Preeti Pratishruti Dash

MSc Financial Economics: Xinran Zhao

MSc History of Science, Medicine and Technology: Josh Willetts

MSc Law and Finance: Kiat Peng Sng

MSc Mathematical Sciences: Joseph Dunn, Jeffrey Tse

MSc Mathematics and Foundations of Computer Science: Joseph MacManus

MSc Modern Middle Eastern Studies: Jad Baghdadi

MSc Social Science of the Internet: Madeline Libbey, Hillary McLauchlin

MSc Theoretical and Comp Chemistry: Wen He

The lists on pages 59-63 include only results that were available before 31 July 2022: see page 2.

MSt English: Malak Khalil, Thomas Pigram

MSt Greek and/or Roman History: James Baker, Will Banks

MSt History: Kristine Guillaume

MSt Modern Languages: Lynn Nguyen

2019/2020

MPhil Law: Tim Cochrane

2020/2021

EMBA: Sohail Choudhry

Firsts and distinctions in undergraduate degrees

#### Distinctions in Prelims and Honour Moderations

Ancient and Modern History: Laurence Young

Chemistry: Chloe Braganca, Nicholas Hadjipaschalis, Eugenie Lumsdon,

Alexander Mann

Computer Science: Henry Masding

Economics and Management: Julia Andronikos, Joshua Royan Engineering

Science: Dylan Jubb, Callum Umana Stuart

English Language and Literature: William Wilson

History: Megan Hassanali, Ben Swan, Panagiota Yiallouri

Mathematics: Tobias Bretschneider, Aditya Gaurav

Mathematics and Computer Science: Kiran Bahra, Dafang Zhou

Mathematics and Philosophy: Helen Trenner Physics: Matthew Sullivan, Qiaorong Yu

PPE: James Keeling, Lianru Li, Eric Mannke, Lea Moutault, Zack

Simpson, Felix Von Baumgarten, Callum Webb

## Firsts in public examinations year 3

Computer Science and Philosophy: Jeno Suh

Mathematics: Paul Scarr

Mathematics and Philosophy: Francis Westhead

Physics: Vlad Catanea, Jelle Kunst

Physics and Philosophy: David Danin, Hamzah Mahmood, Eleanor March

Firsts in final honour schools

Biology: Freddie King, Tanya (Ayesha) Wijesekera

Cell and Systems Biology: Katherine Hammond, Matilda Pope

Chemistry: Naa-Odoley Ntodi, Lucy Weatherill

Classics: Mungo Ferner-Robson, Alexander Lamb, Hebe Larkin

Computer Science: Stefan Constantin-Buliga, Filip Mihov

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Engineering Science: Eugenia Beldarrain Gutierrez, Leila Legris

English Language and Literature: Elizabeth Murphy, Katherine Ollard

History: Shreya Kirpalani, Tristan O'Leary, Joseph Stephen

History and English: Megan Snaith

History and Politics: Emily McMillan, Max Spokes

Mathematics: Aleksandra Božović, Hanming Liu, Molly Monks, Sulaiman Wihba

Mathematics and Computer Science: Arend Mellendijk, Andrew Shamis

Mathematics and Statistics: Lauren MacKenzie Mathematical & Theoretical Physics: Siqi Chen

Modern Languages: Sam Myers

Modern Languages and Linguistics: Dong Hyun Kang

PPE: Rocco Huesch, Leo Rogers, Danivar Voogdt, Amelia Wood Physics and Philosophy: Rachel Ashby Pickering, Max Heitmann

2020/2021

History and Modern Languages: Melissa Altinsoy

## Doctorates of Philosophy

Aitkenhead, Hazel, 'Structural Studies of Pestivirus Envelope Glycoproteins' Asano, Yuki, 'Learning Deep Neural Networks: Necessity and Scope of Prior Knowledge, Raw Data and Labels'

Berencei, Laszlo, 'Charge Mobility in π-Conjugated Polymer Systems'

Bhatia, Gautam, 'Horizontal Rights: An Institutional Approach'

Boonzaier, Leo, 'Duties in Tort Law and Its Theory'

Booth, Hollie, 'Interdisciplinary Approaches to Shark and Ray Conservation' Bristow, Helen, 'Small Molecule Organic Acceptors: Relating Chemical Structure with Thin Film Device Performance'

Brons, Robin, 'Curing Through Questioning? A Cross-Cultural Analysis of Pyrrhonism, Madhyamaka, and Their Potential as Philosophical Therapy'

Brown, Mary, 'The Epithelial Cell in Host-Pathogen Interactions in Airways Disease'

Burin, Achas, 'Property in Criminal Law and Private Law'

Casey, Chloe, 'Discovery of Mechanisms of Herbicide Resistance Using the Liverwort Marchantia Polymorpha'

Castello y Tickell, Sofia, 'Sunken Worlds: Social and Ecological Dimensions of Human-Made Reefs'

Coughlan, Eileen, 'Identity, Place and Legitimate Language: A Comparative Ethnographic Study of Language Attitudes Among Teenagers in Two Irish-Medium Schools'

- Cui, Helen, 'Improving the Surgical Patient Care Pathway Through Use of Activity Monitoring'
- Din, Aleena, 'Women in Britain's Pakistani Diaspora and Their Relationship with Formal and Informal Labour, 1962–2002'
- Droste, Richard, 'Advancing Ultrasound Image Analysis by Capturing Operator Gaze Patterns'
- Fawkner-Corbett, David, 'Unbiased Molecular Definition of Epithelial Barrier Defects Driving Inflammatory Bowel Disease'
- Ghazavi, Vafa, 'Agency, Injustice, and the Struggle Against Globalised Kleptocracy'
- Gopal, Abinand, 'High-order Numerical Methods for Scattering Problems'
- Hakim, Gabriella, 'Establishment and Assessment of Pancreas Preservation Using Oxygenated Hypothermic Machine Perfusion'
- Han, Dongge, 'Game-theoretic Payoff-allocation in Multiagent Machine Learning Systems'
- Harry, Lucy, 'Gender, Globalisation and the Gallows: Women Sentenced to Death for Drug Trafficking in Malaysia'
- Hutchens, Jessyca, 'A Gift of Time: The Contemporary Artist-in-Residency Programme'
- Jacobsen, Kim, 'Land-use Decisions and the Conservation of Large Carnivores'
- Kitson, Beth, 'Irish Women's Lives in the United States, c.1850–1914'
- Leung, Justin, 'Layered Double Hydroxide Based Materials for Carbon Dioxide Capture'
- Lewis, Joe, 'Christian Building Patronage in the Cities of Late Antique and Merovingian Gaul, c.300–751'
- Ma, Biao, 'Regulation of Innate Immune Signalling by Hypoxia'
- Marchal, Nahema, 'Feeling All the (Partisan) Feels: Exploring the Drivers of Affective Polarization at the Individual Level'
- Martinson, Duncan, 'Follow the Leader: Collective Cell Migration in Cancer and Developmental Biology'
- Mason, Alex, 'A Search for the Direct Detection of Dark Matter via Annual Modulation with the Full XMASS-I Dataset'
- Mateo, Emma, "Together We Are Strong": Exploring Regional Protest During Moments of Mass Mobilisation in Ukraine and Belarus'
- Moreira Folegatti, Pedro, 'Clinical Assessment of ChAdOx1 Vectored Vaccines Against Emerging Pathogens'
- Ogunlana, Lois, 'Evolutionary Drivers of Mobile Colistin Resistance'

Okada, Emile, 'The Wavefront Set of Representations of p-adic Groups'

Ordóñez Angulo, Emmanuel, 'Knowledge from Experience: Essays'

Owen, Leah, "'A Terrible War of Defence": Examining the Role of Dehumanisation in Genocidal Mobilisation'

Remnick, Noah, 'Disruptive Children: Desegregation, Student Resistance, and the Carceral Turn in New York City Schools'

Rosen, Lindsey, 'The Role of Extra-thymic Aire-expressing cells (eTACs) in Aire-propagated Immune Tolerance'

Rostro Garcia, Susana, 'Ecology and Conservation of the Critically Endangered Leopard (Panthera pardus) in Southeast Asia'

Rothaermel, Roman, 'Brain-wide Cell Assembly Patterns for Memory-guided Behaviour'

Ruza, Reinis, 'Structural Analysis of Wnt Signalling Pathways'

Salter, Sasha, 'Discovering Knowledge Abstractions for Sample Efficient Embodied Transfer Learning'

Saman, Dominik, 'Quantitative Description of Co-Assembly and Evolution of Small Heat-Shock Proteins'

Santana Gonzalez, Laura, 'Resolving the Complexity of Oviduct Biology and Pathology by Comprehensive Single-Cell Sequencing Across Species'

Sbai, Hugo, 'The Threat of Screenshot-taking Spyware: Analysis, Detection and Prevention'

Schade, Laura, Intrinsic Properties of Double Perovskite Materials Affecting Optoelectronic Devices'

Schmid, Alban, 'Separation of Powers? The Power Relations Between King and Bureaucracy in Choson Korea During the Reigns of Kings Kwanghae and Injo (1608–1649)'

Sedlezky, Geoffrey, 'The Significance of Doorway Positions in English Medieval Parochial Churches and Chapels'

Stein, Dario, 'Structural Foundations for Probabilistic Programming Languages'

Thompson, Bridie, 'Characters and Characterisation in the Epic Cycle'

Turner, Henry, 'Security and Privacy in Speaker Recognition Systems'

Waltmann, Ben, 'Essays on the Simulation-Based Estimation of Dynamic Discrete-Choice Models'

Wang, Ruoyi, 'Three Problems in Additive Combinatorics'

Williams, Philip, 'Re-organising a Fractious Regulatory Space: The #Feesmustfall Protests and the Regulation of Tuition Fee Decisions in South Africa'

Young, Tom, 'Methods Towards Computational Catalyst Design'

## Honours, appointments and awards

#### New Year Honours 2022

- Peter Usborne (1958), founder and Managing Director, Usborne Publishing: Commander of the Order of the British Empire (CBE) for services to literature.
- Thomas Cookson (1961), Chairman, Physics Partners, Kent: Member of the Order of the British Empire (MBE) for services to education.
- Professor Jonathan Michie (1976), Professor of Innovation and Knowledge Exchange and President of Kellogg College, Oxford: Officer of the Order of the British Empire (OBE) for services to education.
- Jeremy Mayhew (1977), Member of the Court of Common Council and lately Chairman, Finance Committee, City of London: Officer of the Order of the British Empire (OBE) for public and voluntary service.
- Adrian Bird (1988), Director General, Foreign, Commonwealth and Development Office: Companion of the Order of the Bath (CB), for services to British foreign policy.

#### Australia Day Honour 2022

John Wylie AC (1983): awarded the Companion of the Order of Australia, for eminent service to the community through leadership in the sporting, cultural, philanthropic and business sectors.

## Queen's Birthday Honours 2022

- Gwyneth Lewis (1985 and Honorary Fellow), poet: Member of the Order of the British Empire (MBE), for services to literature.
- Alison Bertlin (1980), Director, Office of the Parliamentary Counsel, Cabinet Office: Commander of the Order of the British Empire (CBE), for public service.
- Matthew Hamlyn (1980), Strategic Director, Chamber Business Team, House of Commons: Commander of the Order of the British Empire (CBE), for services to Parliament.

## Fellows of the British Academy

- Professor Helen Steward (Fellow and Tutor in Philosophy 1993–2007), Professor of Philosophy of Mind and Action in the Faculty of Arts, Humanities and Cultures (School of Philosophy, Religion and History of Science) at Leeds University.
- Professor Gregory Hutchinson (1975), Regius Professor of Greek in the Faculty of Classics at Oxford University.

Professor Paul Roberts (1987), Professor of Criminal Jurisprudence in the Faculty of Social Sciences at Nottingham University.

#### Senior Members

Recognition of Distinction by Oxford University:

- Coralia Cartis (Fellow and Tutor in Mathematics) gained the title Professor of Numerical Optimisation
- John-Paul Ghobrial (Lucas Fellow and Tutor in History) gained the title Professor of Modern and Global History
- Sebastian Shimeld (Julian Huxley Fellow and Tutor in Zoology) gained the title Professor of Evolutionary Developmental Biology
- Coralia Cartis (Professor of Numerical Optimisation, Fellow and Tutor in Mathematics): named a Fellow of the Alan Turing Institute.
- Professor Brian Foster (Donald H. Perkins Professor of Experimental Physics and Professorial Fellow): a Leverhulme Emeritus Fellowship.
- Sudhir Hazareesingh (CUF Lecturer in Politics and Tutorial Fellow in Politics): his book Black Spartacus: The Epic Life of Toussaint Louverture (Allen Lane, 2020) awarded the 2021 American Library in Paris Book Award, given annually to the most distinguished book, published in English and encompassing all genres, about France or the French.
- Professor James Kwan (Associate Professor and Tutorial Fellow in Engineering Science): awarded, with colleagues, been awarded an EPRSC grant of just under £1 million for a research project that seeks to achieve a sustainable route to clean hydrogen production.
- Professor Jason Lotay (Professor of Pure Mathematics and Fellow and Tutor in Mathematics): selected for the role of the Chancellor's Professor at UC Berkeley for 2022-2023.
- Professor Adam Smyth (A.C. Bradley-J.C. Maxwell Fellow and Tutor in English Literature): elected as a Fellow of the Society of Antiquaries.
- Dr Aleksandra Restifo, Asoke Kumar Sakar Research Fellow in Classical Indology 2018-2021: appointed Assistant Professor and Chair of Jain Studies at Florida International University
- Professor Frances Kirwan (1981 and Emeritus Fellow), Savilian Professor of Geometry at Oxford University: awarded the Royal Society's Sylvester Medal.
- Professor Tom Melham (Professor of Computer Science and Fellow and Tutor in Computation): awarded a £3m Engineering and Physical Sciences Research Council (EPSRC) grant to direct the Robust and Reliable Quantum

- Computing (RoaRQ) programme; and a new Law and Computer Science course co-founded and convened by him was shortlisted for Oxford University's Vice-Chancellor's Education Award.
- Professor Chris Minkowski (Emeritus Fellow): Principal Investigator on an Oriental Studies project that won a Leverhulme Trust Research Project Grant for 'The Mahābhārata's Supporting Texts in Literary Culture and History'.
- Professor Gillian Morriss-Kay (Emeritus Fellow): awarded the biennial Anatomical Society Prize Medal for 2020–2021.
- Professor Sir Drummond Bone (1968, Master 2011–2018 and Honorary Fellow): appointed Chair of the National Library of Scotland.
- Professor Sir Peter Donnelly FRS, FMedSci (1980 and Honorary Fellow): awarded the Royal Society's 2021 Gabor Medal for 'pioneering work in the genomic revolution in human disease research, transforming the understanding of meiotic recombination, and for developing new statistical methods'; and named as 2022 recipient of the William Allan Award by the American Society of Human Genetics.
- Atul Gawande (1987 and Honorary Fellow): appointed Assistant Administrator for Global Health at the United States Agency for International Development (USAID).
- Andrew Graham (Master 2001-2011 and Honorary Fellow): awarded a Gold Medal by Charles University, Prague, for his contribution to reinvigorating the Europaeum.

## Junior Members

- Eugenia Beldarrain Gutierrez (2018, MEng): recognised as one of the top 10 students across Spain in the 'Civil, Other Engineering & Technology' category of the Nova 111 Student List.
- Filip Mihov (2018, MCompSci, Computer Science): was in the Oxford University team that won the 139th Varsity chess match between Oxford and Cambridge.
- Henry West (2018, DPhil Medical Sciences): won the British Atherosclerosis Society's Early Career Investigator Competition 2021.
- Petros Spanou (2018, DPhil History): awarded a 2021 Royal Historical Society/ Institute of Historical Research Centenary Fellowship for doctoral research.
- Mathias Gjesdal Hammer (2020, MPhil International Relations): shortlisted for the Observer/Anthony Burgess prize for arts journalism 2022 with his review of You Have Not Yet Been Defeated by Alaa Abdel el-Fattah.

# College Life

## Library and Archives

The year 2021/2022 saw the Library returning to patterns of service that resembled those before the pandemic. Library opening was back to a 24/7 regime throughout; screens were taken down and the full complement of seats reinstated; inductions and training sessions on research skills and referencing for chemists, historians and English students took place in person, as did our Halloween ghost stories. On the other hand the structures put in place to deliver services remotely were retained to give increased flexibility in how we interact with our users: we continued to use Teams to offer online training sessions on the University's catalogue (SOLO) and to deliver our annual Christmas quiz; our themed pop-up libraries in the College grounds gave respite to hard-working students; and we carried on offering a click-andcollect service, delivering books to a secure box in the JCR fover for those unable or unwilling to access the Library itself.

#### Exhibitions and events

More generally it was heartening to see our spaces in demand again, whether by film crews anxious for footage of historic collections or just a backdrop with books, as a space to display art, or as a venue for engaging students with rare documents. Film crews seemed to be a semi-permanent fixture, recording documentaries on the life of John Wycliffe (Master in 1360 and 1361), interviews on data ethics, and personal stories of recovery. Art took the form of a Hilary Term exhibition at the Historic Collections Centre at St Cross of paintings and archives from the estate of Jean Jones (who lived and painted in Holywell and is buried in the cemetery). Students came from Ninestiles Academy in Birmingham for an engagement session at St Cross: the Academy's Librarian, Balbir Agar, commented that 'they were inspired to rethink what they were capable of.' Stanford students attended a session on medieval Oxford and Oxford students visited for classes on manuscripts of Seneca, early modern French literature, and 19th-century English poets. An Oxford Bibliographical Society lecture by Hannah Ryley (Lecturer in English) on the re-use of manuscripts was held at St Cross in February with an associated display from Balliol's collections.

One project drew all these themes together and formed the centrepiece of the department's work: the Slavery in the Age of Revolution exhibition, initiated and supported by Honorary Fellow Oliver Franklin OBE (1967) and inspired by the work of Sudhir Hazareesingh (CUF Lecturer in Politics and Tutorial Fellow in Politics) on the Haitian revolutionary Toussaint L'Ouverture.



A viewing of the Slavery in the Age of Revolution exhibition at the Historic Collections Centre, with visitors including Oliver Franklin (with a red scarf). Photograph by Stuart Bebb.

Developed by Naomi Tiley (Librarian) and Aishah Olubaji (Early Career Librarian), with support from Sudhir Hazareesingh, Professor Seamus Perry (Massey Fellow and Tutor in English), and Professor Marissa Fuentes (Associate Professor in History at Rutgers University and Oliver Smithies Visiting Fellow 2019–2020), it not only involved an intensively researched display of items from the College's collections that contextualised the Transatlantic history of the 18th century and its legacies but incorporated specially commissioned paper art. The project also included a documentary film, and a series of teachers' seminars that brought education professionals from the US and UK together online to discuss the teaching of the transatlantic slavery. The general tenor of feedback was expressed in the comment It came together so beautifully and meaningfully. It's such an important exhibit and documentary for Balliol, Oxford University and the UK.'

## Circulation and purchasing

From July 2021 to the end of May 2022 our system recorded 16,141 loans and renewals, nearly twice that for the same period last year and well on the way to

recovering to pre-pandemic levels. Similarly we recorded around 140 unique users per day during term time over the year. We purchased 555 books, mainly from suggestions by Fellows and students. To make space for new titles the Librarian has been working with tutors on a major weeding project.

#### Historic collections

We received 453 enquiries over the year regarding our historic collections, an increase of 25% on the previous year, perhaps representing a flood of pentup interest. Many translated into visits: 94 booked over the period as opposed to 32 for 2020/2021. As usual enquiries spanned a huge range, taking in the Oxford Phasmatological Society, the nature of a blue alcoholic beverage served in College, images of a lock of Jeremy Bentham's hair and a visit by the Executive Head Chef to discover historic recipes he might recreate in Hall. The Archivist also hosted the Burford Tolsey Archive, who wanted advice on setting up an archive facility. Our Antiquarian Cataloguing Project continued to make discoverable items such as a medical book owned by the physician to Louis XIV and a 17th- century volume with a contemporary advertisement for 'Doctor Buckworth's Famous Lozenges' pasted in. Conservation is ongoing on a sequence of water-damaged account books of the 17th century.

Recent acquisitions are a verse drama by Joseph MacLeod (1922) and material for Balliol's collection relating to the life and work of Graham Greene (1922), including cinematic lobby cards for the film The Confidential Agent starring Lauren Bacall. Amongst the generous donations received are papers of the Erratics Cricket Club given by Peter Andrews (Junior Research Fellow in Political Economy 1980-1983); papers from Holywell Manor donated by Emeritus Fellow Oswyn Murray from his time as Praefectus; and ephemera from Michelle Cale (1986), one of the early generations of female students to attend College. Several alumni also responded to a call by Emeritus Fellow John Jones (1961) for issues of the former student magazine Mesopotamia in order to establish as complete a run of this title as possible (see his article on page 96); and the incoming Early Career Fellow in English Bysshe Coffey has very kindly given us two Shelley Society publications: one from the sale of books by Robert Browning (Honorary Fellow 1867-1889) and another inscribed by Algernon Swinburne (1856).

#### **Facilities**

At St Cross new, purpose-designed display cases were purchased with the help of the Master to enable the adequate display of historic materials for exhibitions; the fire-suppression system was overhauled and the repositories re-sealed. At Broad Street the Librarian completed the clearing of the basement near Staircase 21 in preparation for conversion into a dedicated records store, and visits to recent library developments in other colleges were arranged for Fellows and committee members with a view to upgrading facilities at Balliol. Stewart Tiley (Librarian)

# Gifts of publications by College Members July 2021–July 2022

- J. Bard (College Adviser to Graduates in Medical Sciences): *Evolution*, 2022.
- N. Bryant (1972): (translator) Chrétien's Equal: Raoul de Houdenc. Complete Works, 2021; (translator) The True Chronicles of Jean le Bel 1290–1360, 2011; (translator) Perceforest: The Prehistory of King Arthur's Britain, 2011.
- N. Coles (1957): The Constitution of 1791 and the Fugitive Slave Clause, 2020.
- B. Day (1953): ed. Noël Coward on (and in) Theatre, 2021.
- I. Douglas (1958): Water and the Rainforest in Malaysian Borneo, 2022.
- R. Eberlie (1956): Jacob Eberli at Home and in the Mountains, 2021; Peaks: A Memoir 1933 to 1939, 2019; Liz's War, 2018; Aden: The Curtain Falls, 2016; The Winds and Wounds of Change, 2016; District Officer in Tanganyika, 2015; Growing up in a Doctor's Family, 2014.
- G. Garrard (1990): The Return of the State, 2022.
- P. Grier (1964): 'A Turning Point in Oxford Idealism: Errol E. Harris's Oxford Writings.' The Owl of Minerva, 50 (2019), pp. 1–45.
- P. Hacker (1965): (with M.R. Bennett) Philosophical Foundations of Neuroscience, 2nd ed., 2022.
- R. Heller (1966): The Prisoner of Rubato Towers, 2020.
- J. Helliwell (1974): The Whens and Wheres of a Scientific Life, 2021; The Whats of a Scientific Life, 2020; The Whys of a Scientific Life, 2019; Skills for a Scientific Life, 2017; Perspective in Crystallography, 2016; (with Naomi E. Chayen & Edward H. Snell) Macromolecular Crystallization and Crystal Perfection, 2010; (ed. with P.M. Rentzepis) Time-Resolved Diffraction, 1997.
- P. Howell (1959): The Triumphal Arch, 2021.
- P. Jankowski (1967): All Against All, 2020.
- P. Kay (1968): My Hands Have Held 10,000 Hearts, 2021.
- D. Kessler (2009): Insolvency Law Made Clear, 2021.
- J. Kirby (2007): (with F. Barlow, R. Waddington, S. Meadway and J. MacDougald) Williams on Wills, 11th ed., 2021.
- D. Knox (1951): Fifty Years of Building, [2021?]
- J. Lee (2002): (with Jamie Glister) Hanbury & Martin Modern Equity, 22nd ed., 2021.

- R. Lim (1984): (with Tan Kong Yam and Wong Kok Hoi) Talk China, [2021?]
- J. Mallet (1950 and Honorary Fellow): Another Life, 2022.
- S. Mayall (1975): *Soldier in the Sand*, 2020.
- L. Nicholas (2000): *Don't Forget Me*, 2021.
- M. Pilch (1945): Felicity Deferred, 2020.
- J. Rakoff (1964): Why the Innocent Plead Guilty and the Guilty Go Free, 2021.
- L. Scott (1948): (translator) Pytheas of Massalia, 2022.
- S. Shirley (Foundation Fellow): So To Speak, 2020.
- H. Templeton (1952): ed. (with I. Templeton, J. Easby and D. Leggett) Speeches that Shaped New Zealand, 2021.
- H. Wark (1987): 'Operator-valued Fourier-Haar Multipliers on Vector-Valued L<sup>1</sup>spaces II: a Characteristic of Finite Dimensionality.' *Positivity*, 25 (2021) pp. 987-996.
- S. Wells (Senior Research Fellow 1980–1988 and Honorary Fellow): ed. (with Paul Edmondson) All the Sonnets of Shakespeare, 2020.
- P. Williams (1963): Paul Williams: A Biography, 2021.
- R. Wilson (1962): ed. Oxford's Savilian Professors of Geometry, 2022.
- A. Woolley (1955): Where is the Evidence?, 2022.

## Other gifts

Further welcome gifts were made by: Richard Batchelder, Michael Aeschliman, Bysshe Coffey (Early Career Fellow in English), Norman Coles (1957), Cécile Deer (Lecturer in Modern Languages), C.J. Driver, Oliver Franklin (1967 and Honorary Fellow), Dame Helen Ghosh (Master); Robin Hartley (1965), Alan James (1962), J.H. Jones (1961 and Emeritus Fellow), David Frazer Lewis, Professor Sophie Marnette (Dervorguilla Fellow and Tutor in French), Bill McCormack, Professor C. Minkowski (Emeritus Fellow), R. Ovenden (Bodley's Librarian and Professorial Fellow), Professor S. Perry (Massey Fellow, Tutor in English and Fellow Librarian), Jake Poller, Vyvyan Salmon (1961), Philip Stewart, Duncan Taylor (1980), W.E.S. Thomas, John Witheridge.

# The Chapel

## Preachers

## Michaelmas Term

The Chaplain

Revd Jane Chaffey

Revd Professor Judith Brown (Emeritus Fellow)

Professor Timothy Endicott (Emeritus Fellow)

The Chaplain

Revd Dr Andrea Russell, Director for Ministry for the Diocese of Oxford

The Chaplain

The Chaplain

# Hilary Term

Revd Professor Judith Brown (Emeritus Fellow)

Revd Dr William Lamb (1988), Vicar of the University Church of St Mary the Virgin, Oxford

Revd Professor Judith Brown (Emeritus Fellow)

Revd Dr Alex Popescu (1994), Deacon of the Romanian Orthodox Church

Dr Bethany Sollereder, Research Fellow at the Laudato Si' Research Institute at Campion Hall

Revd Professor Judith Brown (Emeritus Fellow)

Dr Edward Howells, associate tutor in Christian Spirituality at Ripon College Cuddesdon

# **Trinity Term**

Revd Professor Judith Brown (Emeritus Fellow)

Revd Charlotte Bannister-Parker, Associate Priest, University Church of St Mary the Virgin, Oxford

Dr Brett Parris (2016, DPhil Theology and Religion)

Hermann Koerner (2016, DPhil Philosophy)

Fr Christopher Woods, Vicar of St Barnabas in Jericho and St Thomas the Martyr Church, Oxford

Fr Ernest Lennon, Chaplain at St Edward's School, Oxford

Revd Professor Judith Brown (Emeritus Fellow)

# Services for College Members

## **Funerals**

Godfrey Fowler (Emeritus Fellow), 25 April 2022

Dr Alastair Howatson (Emeritus Fellow), 8 July 2022

## Memorial services

Professor Roger Lonsdale (Emeritus Fellow), 4 June 2022 Professor Malcolm Green (Emeritus Fellow), 18 June 2022

## Marriages and blessings

Ian McDonald (2015) and Hannah Edwards, 3 July 2021

Judith Butler (1993) and Rob Lang, 21 August 2021

Ele Saltmarsh (2015) and Steven Rose (2014), 28 August 2021

Isabella De Vere Hunt (2012) and James Parkhouse (2011), 8 January 2022

Nikolaas Deketelaere (2017) and Daniel Cassidy, 26 March 2022

Austin Jones (2014) and Amy Crawford-Jones, 2 July 2022

Dominic Hamdy, son of Professor Freddie Hamdy (Nuffield Professor of Surgery and Professorial Fellow), and Matilda Florence Carr, 29 July 2022

## Christenings

Vincenzo Tomassi-Russell, son of Adam Tomassi-Russell (2010) and Raffaella Tomassi-Russell (2007), 22 August 2021

Amelia Dunbar, daughter of Gemma Dunbar (2001) and Tom Dunbar (2001), 5 September 2021

Sophia Grace Langton, daughter of Matthew Langton (Royal Society University Research Fellow, Fellow and Tutor in Inorganic Chemistry) and Lucinda Langton, 5 December 2021

#### The Choir

This was the year that the Balliol Chapel Choir was finally able to put the disruption of the previous two years behind it, and in the process it has gone from strength to strength. Joining the choir in Michaelmas I could not have felt more welcomed, and the choir also welcomed a wonderful array of newcomers, from Balliol's JCR and MCR, and beyond.

We began the new academic year by singing Gardiner's Evening Hymn at the first evensong, and it is a tribute to the choir that it handled a music list which included Rachmaninoff's Bogoroditsye dyevo, Fauré's Cantique de Jean Racine, Tallis's 'If ye love me', and Bruckner's Locus iste with poise, musical flair and warmth. Michaelmas saw a number of opportunities outside our weekly evensongs. The choir excelled in its Christmas recording – highly worth a listen on Balliol's YouTube channel – before giving a very well-received Carol Service to a full chapel. I especially enjoyed performing Carter's Angelus ad Virginem and listening to the incredible soloists in Gibbons's 'This is the record'. A light dusting of snow during the Carol Service was a poetic ending

to a very Christmassy occasion. The choir had given a beautiful and moving Remembrance Service two weeks earlier, and even found time to join forces with the Trinity College Choir for our termly joint service.

Over Hilary the choir remained busy, singing the Intercollegiate Evensong at the University Church and another joint Candlemas Service with Trinity, and tackling repertoire including Bairstow, Ives, and Victoria. The black-tie choir dinner is always a social highlight of term, and the decision to return to free drinks after our Friday rehearsals proved popular. With alcohol being provided on Sundays too, I can't help but wonder if choir members' attendance is a purely musical decision! In any case, momentum from the promising start in Michaelmas carried through to Hilary and the variety of soloists who took on challenging repertoire reaffirmed the strength and depth of the choir. Trinity presented some new challenges too, as the choir prepared to go on tour to Cambridge on 26–28 June. At the time of writing (pre-tour), the choir is sounding the best it has sounded – certainly all year – and I have been encouraged by how much detailed work we have been able to do in preparation for the tour.

As I come to the end of my first year with the choir, I would like to thank our amazing Chaplain, Bruce Kinsey, for being so encouraging, enthusiastic, and as easy to work with as I could have hoped. We were all sorry when Bruce suffered a cycling accident and we are glad that he is now recovering. I would also like to thank Professor Martin Burton (Director of Cochrane UK and Research Fellow in Clinical Medicine) and Dame Helen Ghosh (Master) for their continued support of the choir, the Chaplain's Secretaries – first Sarah Twinn and then Dr Ilaria Gualino – for their hard work in helping the Chapel life run so seamlessly, and College for supporting our recording and tour. My thanks too to the social secretaries for their help and especially for their efforts in organising a carolling trip to raise money for Shelter, an incredible cause which I am delighted we were able to support.

I am hugely grateful to John Colley, Assistant Organist, for all his hard work and mentorship. He has guided the choir to an excellent level of musicianship, through characterful patience and encouragement. Finally, I would like to thank the members of the choir for all their warmth and dedication this year. I have enjoyed getting to know them all and I hope we continue to go from strength to strength in the future.

Benjamin Gardner, Senior Organ Scholar

# Junior Common Room

Balliol JCR is as vibrant and active as ever. One might barely notice the occurrence of a troublesome pandemic. The community at Balliol has bounced back and the perseverance of previous JCR committees has certainly paid off. Those who were never able to witness pre-Covid Balliol life have been nonetheless passionate and devoted to restoring Balliol traditions.

Freshers' Week kicked off the year with a packed schedule. College-Parent teas, welfare roundabouts, and plenty of social events filled the week as we welcomed the students, who had had their admissions interviews online. Matriculation returned to the Sheldonian Theatre and the words 'household' and 'isolation' were barely uttered. During Michaelmas Term the opportunity to integrate the new cohort was seized: Welfare, EMO, and LGBTQ+ reps worked enthusiastically to deliver welfare teas, chai and biskoot and film nights. Not forgetting the Sports reps, who organised the longstanding St John's College, Cambridge, and Balliol Sports Day. The day took place at the Master's Field sports ground and was a wonderful chance to use the shiny new Pavilion, with many successes for the collective Balliol side. The Lindsay Bar, unusually, worked as a pop-up in the Buttery because of flooding and closure throughout the lockdown period. The Lady Lindsay worked with Greg Butler (Front of House Manager) and Georgina Rudolph (Buildings Manager) on using the Buttery and the renovations of the bar; the JCR are very grateful to College for lending us that space. JCR spaces returned to their former glory with General Meetings back in the JCR and Entertainment Reps hosting the sorely missed BOPs.

Hilary Term did not disappoint. In-person lectures were held for the first time since late Hilary 2020 and most students had their first ever experience of department buildings as almost all Covid restrictions ceased to exist. The newly elected JCR Committee cut straight to the action. The Foodie, Treasurer and President worked to reopen the Pantry for a dinner service three or four times per week. The new IT Officer immediately started recreating the outdated JCR website and the Access Officer reclaimed the JCR's Instagram account, as well as later coordinating a student takeover of College's Instagram account. After a criminally long closure and bona fide graft from Lady Lindsay, the Lindsay Bar reopened with fire in its belly. Quiz nights, karaoke, charity fundraisers, and pool Cuppers are only a few of the events that drew in the masses. 'Balliol blues' flowed, and consequently a healthy profit was turned. The Pilch Studio also reopened, which meant the awaited return of the Balliol Charity Musical: a story of Merlin, King John and some naive schoolchildren which showcased



Balliol Garden Party 2022. Photograph by Coco Cottam.

the musical, theatrical, and organisational talent of our members. Activism was at an all-time high too. Alongside the usual student journalists of the Cherwell, the Oxford Student and the Isis, some students worked passionately to improve welfare provision. The whole College took part in an independent welfare review and the JCR Committee look forward to working with College on its outcomes. The Environment reps have, as part of the College's Climate and Biodioversity Committee continued to work towards set goals and likewise the Equality reps have worked with the College on achieving Equality objectives. The sporting community held their own, with the Balliol football team reaching the final of the Cuppers tournament and Balliol's men's 2nd VIII winning blades in Torpids, to name a few achievements.

In Trinity Term, the JCR were thrilled to host the Italian Riviera-themed Garden Party. The JCR, sitting on an unusually healthy reserve fund, provided a large sum of money to subsidise JCR tickets. The event landed on a beautiful day; musical acts (Balliol bands included), food stalls, mini golf, and a casino in Hall were among the festivities and a large turnout saw a fabulous time had by all. The A block Common Room at Master's Field was transformed into a shared space in which to relax and unwind for the undergraduates living at the Jowett and the Master's Field sites. A quieter period followed as students prepared for in-person exams in the Examination Schools - in sub fusc and adorned with carnations once again. To close the year the Vice-Presidents and Lady Lindsay arranged the June Jamboree, which was a pleasant, bouncycastle-filled afternoon.

I would like to thank Fran Wright (Domestic Bursar), Amanda Tilley (Finance Bursar), Keeley Mortimer (Deputy Domestic Bursar) and Georgina Rudolph (Buildings Manager) for giving constant guidance and support to the JCR Committee, who had the task of reviving the Balliol community without much knowledge of it. I feel proud to be a part of the JCR Committee who did so with such enthusiasm and commitment. It has been a joy to work with all those involved and I have every hope that the JCR at Balliol will continue to thrive.

Sian Dennett, JCR President

## Middle Common Room

Over the course of the year the MCR community has enjoyed relaxing back into 'normal' post-lockdown life, with the return of many of the events and traditions we once took for granted.

The brand-new blocks around the Master's Field received their new names (of significant past academics and alumni of the College) and their new inhabitants. The year began with Freshers' Week, when true Freshers mixed with Stalers making up for lost time enjoyed a warm welcome, inductions and introductions and other events, culminating in the much longed-for return of the MCR bop.

Similarly, the entire community embraced the MCR Christmas Dinner with carolling and good cheer - perhaps a little too much, as some found themselves isolating with Covid afterwards. Happily the general population of the Manor were recovered and out before Christmas itself, and memories of the outbreak were blurry by the time of Burns' Night in January. This event luckily caused no such uptick in cases, as a result perhaps of increased caution or the MCR edging closer towards natural herd immunity . . .

May Day morning was celebrated as it typically is, with gorgeous choral music from the top of Magdalen Tower and by Balliol's choir on the Salvin Tower, and many students from the JCR and MCR alike nursing a hangover while attempting to dodge the multitude of Morris dancers that emerged from the woodwork.

This year's welfare team, led by Lilja Saeboe and Nathan van Wees, did a fantastic job throughout the year with their weekly welfare teas, newly resumed, where students gathered for company, community and free food. They even organised a chocolate-tasting event, with an array of high-quality treats to sample and an expert explaining the selection over Zoom.

Somehow, in addition to a packed schedule of teaching and his other duties as Praefectus, John-Paul Ghobrial managed to arrange many events to feed bodies and souls, including the Praefectus' coffee mornings, his seminar series, and most recently a strawberries, cream and prosecco event. I particularly enjoyed a talk by Helen Gittos (Colyer-Fergusson Fellow and Tutor in Early Medieval History) on the Cerne Giant, a giant naked man carved in chalk in the Dorset countryside, perhaps representing Hercules, perhaps a littleknown local Anglo-Saxon saint called Eadwold, or perhaps the former but later confused with and transformed into the latter.

The Holywell Manor Garden Party organised by Navoneel Sen and a supportive committee was a huge success, complete with a fantastic threecourse meal, cocktails, a band, and a silent disco for the late evening, as a mercy to the Manor's neighbours.

Since this culmination of the MCR social calendar, and with our teaching responsibilities trickling away with the undergrads, the MCR community has enjoyed the seemingly endless expanse of the Long Vacation. When the UK was hit by a heatwave, a few members blessed with better memory than the rest recalled the existence of an inflatable paddling pool, which, promptly inflated and filled in the garden, was a relief to all.

Holly Hunt, Assistant Praefectus

# Clubs, societies and sports

## Bar sports

Balliol Bar Sports has its foundations in a strong history of pool and darts at the College. Buttery pictures provide several examples of League/Cupperswinning teams in pre-Covid years.

As a 2019 matriculated student, I was lucky enough to experience the pre-Covid bar. That Michaelmas Term, Balliol pool was alive and well, a highlight being a competition to select a Pool-Doubles Cuppers duo. I myself played in this knockout competition alongside Noah Britten, getting to the second round before a narrow loss to Linus Kelsey and Sam Feltham. The level of competitive play by first-year students inspired in me two ideas: first, make competitive pool more inclusive, and second, further development of the strong Lindsay culture through darts. I worked with the Lord Lindsay at the time, Geheris Gidlow, and a brand-new dartboard (found in the Entz cupboard) was put up in the bar thanks to the maintenance team, ready for Trinity play.

I am sad to say that, aside from my few practice throws to inaugurate the board (pictured), its first real use only came in Hilary of this year – but how well it has been used! Although Darts Cuppers is nowhere near its pre-Covid peak (quarter-finals onwards played at Circus or Fever, with another night of free tickets for the winning college – not to mention the competition; now both nightclubs no longer exist), several darts captains around Oxford made an effort to begin to rebuild the sport in colleges. The rag-tag organisation led to only one match for Balliol, but supposedly its first recorded one in over a decade: an 8-4 loss to Worcester in the re-established format. Despite the



LEFT Dhruv Sengupta playing darts in the Lindsay Bar. Photograph by Tryfonia Mitsopoulou.

loss, an amazing atmosphere was achieved with the help of hosting by our newest Lady Lindsay, Hannah O'Connor, inspiring many others to pick up the darts we have bought for the bar. Match highlight was rightly awarded to Michael Hampshire, and celebrations of his overhead throw straight into a double-7 finish, as might be expected from a water polo Blue, were heard as far away as Staircase 20.

On the pool side, Cuppers returned with the strongest dedication to both singles and doubles play by the dynamic duo of Max Spokes and Zack Miodownik. Although contributions from many players across the years ended up in the round of 16 in one of two teams in the group competition, low seeding meant a knockout by a St Hugh's side, who went on to win, or an unfortunate forfeit against St John's due to Covid cases and exam responsibilities, depending on the team. Notable mentions for their contribution must go to Henry Ferrabee for his work as Sports Rep and Bar Sports Co-Captain, and to Matthew Shipway for his wonderful work in the establishment of a new pool area in the Master's Field complex, as well as topquality play that was outshone only by the marvellous skills of Paul Dugdale.

Thank you to College for their funding of sports that can engage anyone across years. Although it wasn't the pool and darts experience I had hoped for in Trinity 2020, I am grateful for the opportunity to be founder of an all-encompassing Bar Sports team which I feel sure will continue into the future. A final thanks to Hannah, because of whom a picture of the founding Bar Sports team will exist as a record for posterity in the Pool Room in the Lindsay.

Dhruv Sengupta, Captain and Founder

#### BUMS

BUMS had a great year ramping up its activities in the first year properly -and thankfully - of emerging from the pandemic. A new cohort of both computer scientists and real mathematicians was welcomed to our esteemed ranks. In Michaelmas the annual elections were held, and a new committee was ushered in. Ice-skating socials went ahead, and though I was not in attendance, I am told a most raucous low-temperature blade-shoe'ed time was had. We also welcomed back the traditional BUMS games nights, playing many a mind-bending strategy game that tested the problem-solving prowess and sly intellects of our members.

The big event of the year, the annual BUMS dinner, went ahead in Trinity Term. We gladly welcomed a speaker from Oxford's Mathematics Institute, Dr Christopher Hollings (Departmental Lecturer in Mathematics and Its History), for an excellent talk on the history of the early International Congresses of Mathematicians. It was followed by a Q&A and then a formal dinner in Balliol's Hall. At the end of the dinner, as is our custom, the BUMS awards were given out. By the sheer force of democracy, ancient debates such as 'what is the best sphere dimension?' were finally put to rest.

Adam Cutts, President

#### **BURPS**

As Covid restrictions started coming to an end, Balliol Physics enjoyed a revival with our annual black-tie event in Hilary Term. Professor Raymond Pierrehumbert (Halley Professor of Physics, Oxford University) joined the proceedings, giving a captivating talk on his research on exoplanets. The turnout from students, alumni and academic staff was immense and there was a sense that life was returning to normal. The evening ended with a meal in Hall and the students having the pleasure of siting side by side with the researchers and tutors.

To celebrate the success of completing another academic year, we held a casual social at the end of Trinity Term where undergraduates from all years could get to know each other. The turnout was again great, with many students from the first, second and third years attending. With the momentum of these successful events, we hope to increase the number of social and speaker events in the next academic year.

Sidhaarth Kumar, President

#### Cerberus

This year saw a return to in-person events. It has still been a relatively slow year, with it taking us all some time to get used to post-Covid life and getting regular uni socialising back up and running. Since taking over from our previous fabulous triarchs, we have aimed at revitalising the Balliol PPE community and creating spaces in which students across the different years can meet and get to know each other. Our events this year have included coffee mornings, allowing everyone to hear about the different module options. We have also run pub trips, which have been great fun and provided a chance for us all to get to know each other better. Additionally this year, the annual PPE girls' dinner took place, which is an important way for us to focus on the issues that women face within the fields of philosophy, politics and economics.

Rosie Ward, Matilda Gettins and Molly Jenkinson, Triarchs



The Cerberus society.

# Drama Society and the Michael Pilch Studio

This year has seen the Balliol College Drama Society revive after the pandemic, with the Michael Pilch Studio opening its doors once more. The space has quickly become popular again as one of the best venues for student drama in Oxford, and the last two terms have seen a wide variety of shows.

In Hilary Term, the Pilch reopened for an exciting new production of Pinter's The Dumb Waiter, as well as new writing from 00 productions' Plus One. This term also saw the revival of Balliol's long-standing Charity Musical tradition, with a Camelot parody written and performed by Balliol students.

The Pilch hosted more shows in Trinity Term, including a studentwritten feminist adaptation of Dracula from Serendipity productions, a new production of Jez Butterworth's Mojo by Nocturne Productions, and an ambitious production of Jonathan Larson's musical Tick, Tick... Boom! by Half Rhyme Productions.

Next year is set to be an exciting one for the Pilch and for Balliol Drama, as we look forward to welcoming more shows to the venue.

Oliver Khurshid, BCDS President

#### Men's football

The 2021/2022 season was a year of regeneration and success for BCFC.

A strong Fresher class, combined with some club legends returning from their year abroad, meant that there were high hopes for BCFC. For the first time in years, home games were played at the Master's Field (admittedly on a pitch more suitable for a 9-a-side game). The significance of a familiar home ground became immediately apparent, with the first team winning their first five home matches and finishing the year with an 8-0-1 record. Winning became a healthy habit of the first team because of the strong characters and technical excellence within the team. These fuelled a league campaign that ended with promotion to the first division of college football, the team finishing 8 points clear of third place. The first team was also victorious 4-2 in the annual Sports Day match against our sister college, St John's College, Cambridge, extending our winning streak in this fixture to two.

More significantly BCFC enjoyed a thrilling cup run, drawing enthusiastic crowds and support from the JCR for our quarter-final against St Hilda's and our semi-final penalty shoot-out victory against St Edmund Hall. The run culminated in the first Balliol appearance at a Cuppers final since our cup success in 2014. We were pitted against the dangerous Jesus College, whose team featured numerous Blues players including their ex-academy star player, declared the best player Oxford has seen in a decade by the University coach. The first half was disastrous, with BCFC heading into the changing rooms 4–0 down. However, the strength of character within the team shone through and the second half was drawn 2-2 - the first half of cup football that Jesus hadn't won all year. Despite the heavy overall loss, it was a great occasion under the Iffley floodlights for both the team and the hordes of Balliol fans that made their way down to the match.

The BCFC second team endured a tough start to the year with some heavy losses, but enthusiasm remained strong and they were able to turn it around and end the year on a three-game winning streak. It was great to see high levels of commitment and eagerness within the JCR for the more casual football that the second team exhibits; these, alongside an upturn in form at the end of the season, suggest that the future is bright for the BCFC second team.



Balliol College Football Club first team after the Cuppers final.

This year also involved the return of the social side of BCFC, with numerous socials held in the newly refurbished Lindsay Bar and the introduction of BCFC ties. It is unfortunate that a number of significant club members will be leaving the club once they graduate this year, but the silver lining is that an Old Members' game will be a certainty next year. If there are any alumni who would like to play, please contact the new captain, Sean Duggan, at sean. duggan@balliol.ox.ac.uk: we would love to have alumni involved in the club.

Noah Britten, Captain

# Hockey

Balliol College Hockey Club has had an enjoyable and consistent season. With the college league in Michaelmas and Cuppers in both Hilary and Trinity, the club has had plenty of hockey this year. We have played at our best when against fierce opposition, and despite being unlucky with the Cuppers draw, we performed very well as a team and put up a resolute defence. Whenever we did not have a league or tournament match organised, we maintained our skills and practice with training and friendlies.

Balliol's Sports Day against St John's College, Cambridge, saw the best match play of the season. The first half was very close, and we were successful in hindering John's determined attack. Eventually the Cambridge side came out on top after three goals in close succession leading to a 4-1 loss, but the exertion and efforts of our side were to be lauded.





ABOVE Balliol College Hockey Club at the Balliol Sports Day.

LEFT Balliol College Netball Club.

The annual alumni match was a hugely enjoyable event, and with a team limited in numbers and without significant experience of a full 70-minute match, we were especially pleased with our performance. A post-match picnic and social with sage careers advice from the alumni topped off what was a fantastic end to the season.

Miriam Dirnhuber, Captain

## Netball

Balliol College Netball Club has had a year to remember. At the start of Michaelmas Term, we went on tour to Durham, where we played netball and were hosted by St Aidan's College. This was a fantastic bonding experience for the team and set us up for the year to come. The team has been able to get back to frequent training and match play, and it has been excellent to see a large number of Balliol women coming together to play some really highquality netball. In Michaelmas and Hilary, we participated in the Universitywide league matches, culminating in a promotion from Division 3 to Division 2! This has been a great reward for such a committed team, and demonstrates how Balliol netball has rapidly grown and is continuing to do so. We have also held weekly socials, often hosted in the Lindsay, and the club attended the sports formal in Trinity Term.

In Trinity Term we were able to enter the Netball Cuppers tournament. In the group stages, we won matches against Somerville, Christ Church and Keble, securing a place in the quarter finals. Unfortunately, we then lost against a very strong New College team (who went on to win the tournament!). Nevertheless the team displayed highly skilled netball throughout the tournament, and it was great to see the work we had put in during training sessions come to fruition. We also participated in the Mixed Cuppers tournament, which was an excellent way for more people in College to experience playing netball competitively. It has been a pleasure to see the club go from strength to strength this year, and I'm sure this will continue in the 2022/2023 season.

Helena Cox, Captain

# Men's rowing

After a successful end to the previous year, BCBC returned in force at the start of Michaelmas with a strong intake of novice rowers.

As always, Michaelmas Term finished with Christ Church Regatta (making its return post-Covid), where our two novice crews went up against the other colleges. Despite a valiant effort from the B crew, they were knocked out in





ABOVE MI rowing a victory lap past Boathouse Island after bumping St Edmund Hall.

LEFT The MI crew at the Summer Eights Dinner. Left to right: back row Ewan Wallace, Benjamin Isachsen, Alec Berry, Samuel Baker, Markus Baumgartner; front row Henry Pearson, Molly Green, Dewi Gould, James Fraser.

their repêchage race. The A crew made it through to the quarter finals, where they were just knocked out by the eventual winners of the event.

From there, we began to build towards the second major event of the year, Torpids, which was back in Hillary Term after Torpeights the previous year. Our Men's 2nd Torpid were the first Balliol crew to race, and set a strong precedent by bumping before Donnington Bridge. M1 followed suit with a swift bump on Teddy Hall, which was a long time coming after just missing them during Summer Torpeights. Through the rest of the week, M2 continued to bump every day to win blades! M1 bumped Pembroke on day 2, but were caught by a strong Wolfson crew, and then rowed over on the last day, leaving them 5th on the river.

Finally, we reached Summer Eights, where we entered three men's crews. Our M3 beer boat, which contained five ex Balliol captains, were the standout crew, bumping every day in less than 30 seconds and winning blades in the process. M2 contained many of the novices who had started rowing with us this year, and they showed grit and determination to row over every day. M1 started behind Trinity, whom we swiftly hunted down despite catching an overhead crab as we went for the bump. Wadham were up next, and even though we were at overlap all the way from the gut, we couldn't quite catch them. The next day we went on the hunt for Wadham again, only to be denied success by them bumping Teddy Hall before we could get them. On the final day, with Boathouse Island full of supporters, we bumped Teddy Hall to end a great year of rowing at Balliol.

As always, the Summer Eights Dinner was a social highlight, as was the Gordouli dinner a few weeks later. With a large proportion of the club still at Balliol next year, we look forward to welcoming new members and building on this year's achievements!

Alec Berry, Captain

# Women's rowing

The women's side has faced challenges since the pandemic eased. The break in activity over lockdowns left the seniors with very depleted numbers and Michaelmas was spent training as a four in Abingdon. In the meantime, we had a sizeable intake of undergraduate and postgraduate novices. The seniors took part in the Isis Winter League C and the novices enjoyed the return of Christ Church Regatta. The Boat Club sadly said goodbye to all its coaches at the end of the term, giving a chance for a reset in the new year.



ABOVE WI with spoons; BELOW WI holding their new boat. Photographs by Stuart Bebb.



The action picked up in Hilary Term. Although the second VIII didn't qualify for Torpids, the First VIII got to work with some novices on board. Team spirit and camaraderie were building as relations between the men's and women's sides felt better than ever. Despite a valiant effort, W1 fell from 12th place in Division 1 to 6th in Division 2, yet escaped spoon-free for another regatta.

Trinity Term saw a boost in morale and participation. Several novices joined the women's side and some new seniors too. A brand-new Hudson Ultimate Shark Predator, generously gifted by alumni, inspired the women to give everything to the cause. W2 honed their fitness and qualified for Summer Eights with a fierce attitude. Large crowds came to support all the crews in an excellent week. W1 walked away with spoons and W2 are hungry to bump again next year. Regardless of results, the crews indulged in the fun and tradition, held their heads high, and are determined to make an improvement next season with a large, committed squad.

## Rugby

Following the loss of a number of great players for the club, it was looking unlikely that Balliol College Rugby Football Club would be able to field a team for the 2021/2022 season. However, due to the enthusiasm of new additions to the club and the continued commitment of remaining players – both undergraduate and postgraduate – we had an amazing start to the season. In early Michaelmas Term, we played back-to-back training matches against two strong college rugby teams - New and St Edmund Hall. We are immensely proud of our victory over New, as we became the only team to beat them throughout the entire season. We also played an intensely competitive game with St Edmund Hall, which involved a level of skill that that we were excited to develop through the year.

We successfully ran two training sessions a week, which allowed the team to develop fitness and game management, with players adapting to new positions. The standard of rugby remained high throughout the rest of the season, although several injuries affected our League and Cuppers progression. In Trinity Term we were able to reach the 7s Cuppers plate final, narrowly losing to St Edmund Hall, and fielded a brilliant team for Mixed Touch Cuppers that reached the semi-final. We also enjoyed many relaxed training sessions in the sun that were open to non-club members looking for a break from Finals preparation.

The social scene of the club was as successful as ever, with BCRFC finally returning to its Lindsay Bar traditions. The club is confident that these social traditions will remain the inclusive bedrock of the team, whether or not rugby is ruled out by the pandemic, injuries, or availability.

Once again, we are sad to say farewell to some great players and legends of the club. We are sure they will return to University Parks for our annual Old Boys game and social in order to meet the first-year players we look forward to welcoming next year.

If any alumni would like to get involved, you are more than welcome. Please contact me at john.redford@balliol.ox.ac.uk.

Johnny Redford, Captain

#### **Skoliasts**

It is with great joy that Skoliasts returned this Michaelmas, with our termly dinners being able to take place once again after over a year's long hiatus. It's always a pleasure to get Classicists from all years together, and it was something I'm sure we all missed!

This year's events have welcomed engaging guest speakers with fascinating topics including bilingualism and the portrayal of tragic emotions, which we enjoyed along with delicious food and wine.

During Hilary we held a Mods tea for the second-years just before their exams for a little bit of respite from the Library – congratulations to all who sat them! And congratulations to the finalists too, to whom we say a fond farewell.

We look forward to Michaelmas and a new cohort of Classicists, and many more dinners to come.

Susannah Castledine, President

# Younger Society

The Younger Society has had a fantastic year. It has been excellent to welcome Dr Hasan Dindjer (Blanesburgh Fellow and Tutor in Law), and we have been lucky enough to be able to revive all our annual events.

The annual Michaelmas dinner seemed even more special as we were able to hold the event in person. We were delighted to welcome Professor Timothy Endicott (Emeritus Fellow) as our honorary speaker.

Also in Michaelmas Term, Slaughter and May hosted a fabulous dinner for us at Quod, where Balliol lawyers with an interest in pursuing a career at a law firm like Slaughter and May were able to enjoy some time speaking to lawyers at the firm. We were very grateful to Tom Vickers (1999) for organising the



The Younger Society at their annual Garden Party.

evening, and for also putting on an application workshop earlier in the day. We were also very grateful to Olivia Retter (2014), a trainee at Freshfields Bruckhaus Deringer, who reached out to us to organise a similar dinner, held jointly with Brasenose College students.

In Hilary Term, we held our annual Hilary formal. This is a fabulous opportunity for current Balliol law students, alongside Dr Grant Lamond (Frankfurter Fellow and Tutor in Law) and Dr Hasan Dindjer, to get together and share their experiences of studying law at Oxford. Finally, at the end of Trinity Term we were able to hold our annual Garden Party. The weather was beautiful, and it was great to enjoy the traditional refreshments in order to celebrate the year together, in particular the finalists finishing their exams.

We are very grateful to Dr Grant Lamond and Dr Hasan Dindjer, and to all those who continue to support the Younger Society, allowing us to put on these amazing events.

Helena Cox, Younger Society President, and Sachi Patel, Younger Society Secretary

# **Features**

# Mesopotamia

John Jones (1961 and Emeritus Fellow)

Anyone who was up 1959-1969 is likely to remember the Balliol-based magazine Mesopotamia. We called it Mespot, which is what it often called itself in its later years.

Peter Usborne (1958) was the leading light in its foundation, with David Hogarth (1958), Richard Ingrams and William Rushton. The late Julian Usborne (1960) soon stepped into his elder brother Peter's shoes, and was largely responsible for Mespot's growth 1961–1963. He was a well-known prankster, once rusticated for circulating large numbers of fake simultaneous Proctorial summonses.

The name *Mesopotamia* was probably meant to imply being somehow between the river-named *Isis* and *Cherwell*, then Oxford's leading student publications. It might also have been a nod towards Parsons' Pleasure, an Oxford humorous magazine which folded as Mespot was emerging.1

Mespot was actually sharper and less parochial than Isis, Cherwell, and Parsons' Pleasure, containing a mixture of elegant parody, clever cartoons, in jokes which are now utterly enigmatic, and ghastly undergraduate humour. There was some content that would be unacceptable by today's standards. There were few references to Oxford, although there was some gentle much deserved ridicule of the Proctors. The humour and satire were directed at society in general and its politicians. On balance it seems brilliant in parts, and I wish I had been more than an onlooker. Most of the Balliol contemporaries I recall as Balliol JCR wits, Trinity JCR turfers, Dram. Soc., Players, Panto and Vic. Soc. prominente are credited or photographed in one or more issues.

I bought *Mespot* but did not keep it. Perhaps I dumped it at the end of term, rather than take it home and risk offending my mother. It seemed ephemeral, but it was a foundation stone of the Satire Boom. When they went down, Peter Usborne, Ingrams, Rushton et al. decided to launch something like it in the real world as *Private Eye.*<sup>2</sup>

The issues of 1962–1965 usually comprised around fifty quarto pages with a glossy limp cover, priced half a crown. The fact that we paid what could have bought a decent pie and pint in the late lamented Lamb and Flag shows how it stood with us.

When I started to explore Balliol history forty or so years ago, there were no copies of *Mespot* in the College Library or Archives, and, which is still the case, no complete set anywhere.

In 1993 I tried to fill the College Archives gap, but was only able to borrow and photocopy four issues.<sup>3</sup> Nearly thirty years on, while looking for something else altogether, I spotted a Mespot original on eBay and snapped it up for the College.

That chance discovery, and the late realisation that there was much more to Mespot than had seemed, prompted me to search systematically, pester contemporaries and others for information, solicit further copies for the College Archives, and try to sort out the bibliography as far as possible.

Mespot was published erratically, with little editorial continuity, and often without explicit dating or issue numbers. It was therefore difficult to figure out exactly how many issues had appeared and their chronological sequence. In some cases editorial responsibility was not clear either. It is a cataloguer's nightmare, which would not matter if it was just juvenile student trash. Some of the content was indeed rubbish, but much is not. And some of the contributors became very well known, in publishing – e.g. Richard Ingrams, Peter Usborne, Anthony Cheetham (1961), John Nicoll (1963); politics – e.g. Christopher Patten (1962 and Honorary Fellow), Edward Mortimer (1962 and Honorary Fellow 2004–2021); cartoon brilliance – William Rushton); or for other reasons – e.g. John Wells, Howard Marks (1964), Derek Parfit (1961), John Albery (1956), Esther Rantzen, Stephen Fry, Bill Oddie.

I have been able – with help from many others, newspaper references, Proctors' Office records<sup>5</sup> – to establish that there were in fact 18 *Mespot* issues and date them. See the annotated catalogue below.

Although *Mespot* was born and died in Balliol, and was dominated throughout its life by Balliol JCR, there was some input from Cambridge in its first four or five years. From 1961 to 1963 publication was joint with Cambridge's flobia, a student magazine of similar spirit and style which died as a separate thing in 1960.

The Proctors kept a nervous eye on *Mespot*<sup>5</sup> and their bowler-hatted minions solemnly reported rule breaches: outsize posters, banners suspended from balloons and radio-controlled model aircraft during Torpids and Summer Eights were a particular concern. Grudging approval for advertisers dressed as clowns was given, provided they were not members of the University.

A record<sup>6</sup> produced by Heathcote Williams (Christ Church) for distribution by the Mespot sales organisation provoked a lot of fuss in 1962 because it ridiculed Harold Macmillan (1912), who was then not only Prime Minister but also Chancellor of the University. The Proctors banned it, although he was lampooned frequently in Mespot itself. Macmillan himself was rumoured to be amused.

Forged tickets to the St John's-Trinity Ball of 1961 were enclosed with the Mespot summer edition: the Proctors imposed a fine of f(20). That seems a bit severe - for comparison my Balliol 19.3a rent was 19 guineas a term that autumn – especially as 2,500 tickets had been printed at considerable expense. It was a good forgery, but it had a deliberate giveaway in the small print: where the real thing said 'Please bring this ticket with you' it said 'Bring a bird and a bottle'.

Some of the nine Mespot issues which Balliol Archives still lacks must surely survive. The early sixties issues had print runs of low thousands. I hope that this report on my amused grubbing about will flush out some more for the College Archives: please email john.jones@balliol.ox.ac.uk. In the catalogue that follows I have illustrated the front covers of all the missing issues to stimulate those who have them in their lofts or wherever to fill the gaps.

- 1. Mesopotamia is the name of the region in Western Asia between the Tigris and Euphrates Rivers. It is also the name adopted for the narrow strip of land between the upper and lower levels of the River Cherwell just off the University Parks, near the former men-only nude bathing place Parsons' Pleasure.
- 2. See Adam Macqueen's Private Eye: The First 50 Years ... (2011) and Private Eye: The 60 Yearbook (2021); and 'Daylight on the Satirists' in The Observer, 3 February 1963. But a caveat is needed: the facts about exactly who did what when in these and other sources, including obituaries of leading figures, are contradictory over some details, as are the few remaining living memories.
- 3. Issues Nos. 14 and 16–18; the photocopies are in Balliol Archives MISC 186.
- 4. I am grateful to Peter Usborne, David Hogarth (1958), Tom Carter (1962), Bob Huddie (1961), Bob Guy (1961), Richard Heller (1966) and Michael Swanwick (1963); Bethany Hamblen, Balliol Archivist; Alan Brown of Bodleian Library Reader Services; Francesca Baseby of the Centre for Research Collections, University of Edinburgh; and Alice Millea of Oxford University Archives (OUA).
- 5. The Proctors' Office file on Mesopotamia 1959–1971 is now in OUA, ref. PR/3/3/56. In 2021, the then Proctors gave approval for access, with the exception of unpublished material concerning disciplinary matters, and I was provided with copies of registration forms, some correspondence, and newspaper cuttings in Cherwell, the Oxford Mail and the national press from 1959 to 1962. There is also an OUA file PR/3/3/57 concerning a 1985–1986 attempt in Balliol to resurrect Mesopotamia. This attempt, which the then Dean knew nothing about or has clean forgotten, came to nothing; the title was apparently passed to someone in New College, but I have not established whether anything came of that.
- 6. The Mespot team denied that it was anything to with them; they had only agreed to sell it. An unconvincing defence, as the record sleeve, which survives without the record itself in OUA PR/3/3/56, had 'Mesopotamia' printed large on both sides with a cheerfully fat and ugly champion herring-eater on the front. Cliff Richard and Dylan Thomas were also parodied. A thousand records were made: did any evade the ban and survive?

## Catalogue

There were 18 issues of Mespotamia 1959-1969. Most do not give a publication date or issue number, but the few stated issue numbers agree with those here assigned. The title was simply Mesopotamia except where otherwise stated. Most issues identified the Editors clearly somewhere, but 'Assistant Editors' and 'Ex-Editors' often appear in the credits as well as Business Managers and so on. The Cambridge-based Editors are identified as such: the rest were almost all Balliolienses. \*\* indicates that Balliol Archives has an original. The Bodleian Library has all but Nos. 5 and 6, in Per.2705 d.647. Edinburgh University Research Collections Centre has Nos. 5-11, in S.B.F 3789(4257)05 Mes. Photographs are by the author unless otherwise indicated.

## **1**. May 1959

For the front cover see page 103. Eds. Clive Jordan (1958), Peter Usborne and David Hogarth.

## **2.** Late 1959

The front cover design is identical to No. 1, but is printed black and white on a pale green background. Ed. Peter Usborne.

# **3.** Probably spring 1960

The front cover design is identical to No. 1, but is printed pink and white on a black background. Ed. Peter Usborne.

# **4.** Probably summer 1960

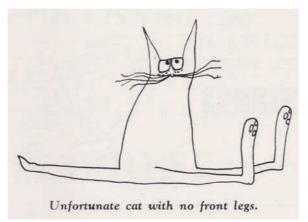
The front cover design is identical to No. 1, but is printed black and white on a magenta background. Ed. Peter Usborne.

# **5.** Probably late summer 1960

For the front cover see page 105. Cover title: 'Mesopotamia Rock'. The cover incorporated a flexi-disc record, a great novelty at the time. Ed. Peter Usborne.

## 6. November 1960 \*\*

For the front cover see page 103. This issue contains the story of Mr Gnittie (John Wells, lightly caricatured), copiously illustrated by William Rushton. Gnittie (below left) is also shown on the cover as an armoured knight with a droopy sword. This is a parody of the Daily Express masthead Crusader. It was the first ever appearance of Gnittie: a year later a simplified version



The unfortunate cat who appears in the twelfth and subsequent issues.

appeared in the masthead of Private Eye No. 1. It continues there more than 1,500 issues later. The Proctors' file identifies David Hogarth as sole editor. He appears without stated function at the top of the credits list; but Richard Ingrams appears next after him and probably edited the first half. Presented by Peter Usborne 2021.

## **7.** Early 1961

For the front cover see page 103. This issue was covered with sackcloth; the back had cress seeds stuck to it. The Oxford Correspondent of The Times reported on 14 February 1961 that 'Mr Julian Usborne of Balliol College' had told him 'with great seriousness' that 'All you have to do is turn over your copy, pour water on it and the cress will grow.' Ed. Julian Usborne.

## 8. Summer 1961 \*\*

Cover title: 'ffobia MESPOTAMIA'. The back cover is like an advent calendar based on a chessboard, with the pieces on flaps which open to show elegant caricatures of politicians (Castro, Kruschev, Kennedy, Macmillan, Ulbricht, Adenauer, the Pope): a complicated allusion to the looming Cuban missile crisis. Eds. John Albery and Michael Warren (Cambridge). Presented 2021.

#### **9.** Autumn 1961 \*\*

No mention of *ffobia* appears. The front cover design is a messed-about Union Jack with a small man driving a horse and cart up it. The back cover (right) has a spinnable disc, the 'Mespotamia Prayer Wheel'. The many advertisements include an appeal for subscriptions to *Private Eye*, 'the new satirical fortnightly' which 'needs all the help it can get'. Ed. Norman Coles (1957). Presented by Peter Usborne 2021.

# **10.** Spring 1962 \*\*

One cover page is entitled 'Mesopotamia' and indicates that it is Volume 10, Spring 1962; it has an oval hole framed with a paper doiley frill which reveals a picture of a woman. But if the booklet is turned over and inverted, there is a similar cover page entitled 'ffobia', declaring itself to be Volume 2, Number 4. Mesopotamia and ffobia each take up half of the booklet reading from the respective cover pages to the middle. The overall publisher identified in the small print, where it was called 'MESOPOffobia', was 'Derek Parfit, Balliol College' and it was printed in Abingdon. Eds. Derek Parfit and Anthony Cheetham for Mesoptamia; Michael Warren for ffobia. Presented 2021.

#### **11.** Summer 1962

For the front cover see page 103. Cover title: 'Mesopotamia ffobia'. Eds. Anthony Cheetham and Jim Pinnells (Cambridge).

## **12.** Autumn 1962 \*\*

Exactly how the front cover title was meant to read is unclear because the lettering is scattered. Probably 'MESOPOTAMIA FFOBIA'. The content was a joint Balliol-Cambridge effort although the stated publisher was 'David Mason, Balliol College' and it was printed in Abingdon. The point of the colourful front cover showing a can-can dancer is obscure; the same design appears on the back cover, to be painted by numbers. A parody of Private Eye appears as 'Private Part', and there is a long photographically illustrated interview with Kingsley Amis by Jim Pinells which is probably genuine. Among the advertisements as a space filler is a curious line drawing of a twolegged cat (opposite) which appears several times later. The next issue printed a letter received by the Editor from 'Gordon Crump (Major)' protesting at fun being made of a possible thalidomide victim. Eds. David Mason and Jim Pinnells (Cambridge). David Mason has not been identified. Presented 2021.

# 13. Spring 1963 \*\*

Cover title: 'MESOPOTAMIA ffobia'. The front cover has an oval hole revealing a chimpanzee inside. The back cover declares this issue 'Volume 13 Spring 1963 Women's Issue Monster Supplement'. Eds. Jim Pinnells (Cambridge) and Edward Mortimer. Presented by Tom Carter 2021.

## **14.** Autumn 1963 \*\*

Cover title: 'MESOPOTAMIA ffobia', but published by the 'Editorial Board of Mesopotamia, Balliol College, Oxford'. The front cover has a photograph of an unidentified woman and the two-legged cat of No. 12. Eds. Bob Huddie, Clive Parsons (1962) and Tom Almond (Cambridge). Presented 2021.

## **15.** Spring 1964 \*\*

The back cover has the caption 'Mesopotamia for Men', an image of a scent bottle labelled 'Mesopotamia' and a photograph of the current Chancellor of the University in Balliol rugger kit sniffing the roses by the JCR. Eds. Clive Parsons, Chris Patten and Bruce Harbert (Cambridge). Presented 2021.

#### **16.** Autumn 1964

For the front cover see opposite. Eds. Chris Fagg (1963) and John Nicoll.

## **17.** Autumn 1965 \*\*

The front cover has the two-legged cat which first appeared in issue 12 (see page 103), hovering above an ionic column, informing the reader in a voice bubble that this is a black and white issue. Inside there are two pages making fun of the political turmoil in Rhodesia and anticipating UDI, with a photograph of a naked Howard Marks as 'Mr Smith' getting out of a car being greeted by Hamilton McMillan (1964), allegedly at Chequers. Eds. Biff Harrison and Hamilton McMillan. Biff Harrison has not been identified. Presented by Michael Swanwick 2022.

#### **18.** 1969 \*\*

This 'coffee table edition' had instructions for making cardboard legs for it on the back, but 'it was not advisable to place coffee on it'. The two-legged cat made its final appearance on the back cover. In 1966–1967 Lou Burnard had assembled an edition for which Richard Heller was local advertising manager, but they could not get enough advertising to bring it out. Some of the unused copy was handed down. This last issue carried no advertising, but was printed gratis. Ed. Richard Heller. Presented by Michael Swanwick 2022.



LEFT Issue I, front cover. The design was used in the next three issues, with different colour backgrounds. It must have meant something, but what? Balliol does not have any of these issues. Photo by Peter Usborne



ABOVE Issue 5, front cover.
Balliol does not have this issue.
Photo by Peter Usborne.



LEFT Issue 6, front cover. What if anything do the quarters of his shield mean?

RIGHT Issue 7, front cover. Balliol does not have this issue. Photo by Peter Usborne.





LEFT Issue 8, back cover.

RIGHT Issue 9, back cover.





LEFT Issue 11, front cover. Balliol does not have this issue. Photo by University of Edinburgh Research Collections.

RIGHT Issue 16, front cover. Balliol does not have this issue.



# The story of nanopores

Professor Hagan Bayley (1970 and Honorary Fellow)



Hagan Bayley as a child (right), with his younger brother.

I was the oldest of two boys born into a middleclass family reduced to poverty by the war. We lived in damp basements warmed by paraffin heaters or single-bar electric fires. As we came into a little money, we moved along the coast of North Wales from Rhyl to Prestatyn, the beach on one side with little terns nesting on the sand and the hills behind with flooded Roman mines crying out for exploration. There, I spent too much time knocking balls around the local links and for a while became adept at chess before the game became too obsessive. My father was determined to lift us out of our post-war predicament and

eventually I went to the King's School over the border in Chester by train each day on a line spared by Beeching. And later, despite our modest means, to Uppingham School for two years. I saw first-hand most aspects of the UK's educational system.

Then in 1970, I was offered a place at Balliol to read chemistry, which was life changing; otherwise, I expect I'd be selling Wall's ice creams on Llandudno pier. I was exceedingly lucky to be taught by three remarkable tutors, with three utterly different personalities: the brilliant but reclusive David Turner (1967, Fellow 1967-1995 and Emeritus Fellow), the magnificently wild Malcolm Green (Septcentenary Fellow and Tutor in Inorganic Chemistry 1963-1989 and Emeritus Fellow 1991-2020) and the unflappable and subtly humorous John Jones (1961, Fellow 1966-2010 and Emeritus Fellow). While life in retrospect can be overly sunny, I recall the freedom to learn and discuss anything vaguely relevant to chemistry, which certainly suited me greatly after the strictures of A Levels. Oxford was still quite socially segregated in the 1970s, but that didn't bother me or my fellow chemists. We inhabited the pubs in Oxford rather than dining clubs: primarily the King's Arms and the Lamb & Flag, occasionally venturing further afield thanks to an illicitly parked car owned by mathematician Andy Stewart.

The chemistry Part II in Oxford is a fourth year devoted entirely to research, followed by the submission of a substantial thesis. I was fortunate to be offered a place in the Dyson Perrins laboratory by the late Jeremy Knowles (1955), an erudite and of necessity patient man, who had also been a Balliol undergraduate. In Jeremy's lab, I was introduced to membrane proteins, then a hot topic and an area which has underpinned my research ever since.

No doubt, a major experience of the Part II was unlearning aspects of the first three years in which textbooks had biblical authority and served to paralyse the scholarly with respect to original investigation. Jeremy's aphorisms such as 'When in doubt do an experiment' and 'Just take a quick and dirty look first' remain valid. Jeremy encouraged an irreverent look at life and often flipped through the lab's Complaints & Suggestions Book, which contained numerous entertaining contributions, often penned by John Gatehouse, now a professor at Durham, including his board game that featured the progress of a DPhil candidate in which the successive squares contracted until they disappeared before submission of the thesis.

Then, a surprise. Halfway through my Part II year, Jeremy told us that he had accepted a professorship in the Department of Chemistry at Harvard and a sizable fraction of his group would set off to the USA in 1974, in my case to complete a PhD undeterred by Malcolm Green's warning 'America is not what it used to be.' I crossed the Atlantic in a last-minute bargain cabin on the OE2, arriving in New York at dawn and greeted by a spectacular view of the Statue of Liberty. Before appearing at Harvard, I made a grand coast-tocoast tour of the States under the Pathfinders programme (now the William Westerman Pathfinder programme), which at that time was sponsored by the late Bill Coolidge (1924 and Honorary Fellow 1963-1992). Besides the astonishing art collection and the wonderful greenhouses at Bill's house in Topsfield, Massachusetts, I recall being given a terrifying lift back to Boston by a friend of his who claimed to be recovering his eyesight by no longer wearing glasses.

In Jeremy's lab at Harvard, I developed photochemical reagents for identifying the parts of proteins that were firmly embedded in membranes, highlighted by a paper in Nature in 1979. I then moved down Massachusetts Avenue to MIT to work in Gobind Khorana's lab at MIT as a postdoc. Gobind had received a Nobel Prize in 1968 for his role in solving the genetic code, but by 1979 he had become fully involved in the quest for understanding membrane protein structure and had just finished the determination of the amino acid sequence of bacteriorhodopsin, the first time such information had been obtained for a complex membrane protein. This work led to the major finding of my postdoc work, which shed light on how membrane proteins fold into their active structures.

After leaving Gobind's lab in 1981, I was at last, at 30, an independent scientist. My almost 30 years in the USA encompassed periods at Columbia University in New York, the Worcester Foundation in Massachusetts, and finally Texas A&M University in College Station, with a brief interlude back in Oxford in 1984–1985. The early years were brutal. Looking back, some of my research projects may have been overambitious for a starting investigator and the necessary research funds were tough to find. Further, it was difficult to find strong graduate students and postdocs capable of taking these projects on. But eventually, a remarkable success emerged from a muddle of disparate endeavours.

We had begun to explore how water-soluble proteins, such as certain bacterial toxins, can assemble into membranes to form pores. At a conference in Boston in 1991, we speculated that the assembled pores might be used to detect a variety of substances at the level of individual molecules by monitoring the perturbation of currents flowing through the pores. One of the attendees, Harold Bright of the Office of Naval Research (ONR), was excited by this prospect and after we had submitted a proposal the ONR became a sponsor of our work and importantly insisted that we seek intellectual property protection. The approach, which we termed stochastic sensing, proved to be extraordinarily versatile when remodelled pores were used and was eventually summarised in a review in Nature in 2001. Ions, small molecules, peptides and proteins, nucleic acids, oligosaccharides, polymers and more could be identified and quantified by stochastic sensing. By 2002, we had also shown that chemical reactions, bond making and bonding breaking, could be followed in individual molecules by this means.

Then in 2002, another surprise. Jack Baldwin, the redoubtable Waynflete Professor of Chemistry, phoned and persuaded me, without difficulty, to come to Oxford to be interviewed for a new chair, the Professorship of Chemical Biology, which I assumed in 2003, inhabiting labs in the new CRL building on South Parks Road. Too many impossible things have happened in the wonderland of Oxford to be related in this short space, so I'll stick with the story of nanopores, omitting many other ups and downs. Shrewdly encouraged by Graham Richards (Junior Research Fellow 1964-1966 and Honorary Fellow), the Chair of Chemistry, who fostered modern entrepreneurship at Oxford, I founded Oxford Nanopore in 2005 to exploit stochastic sensing as a platform technology. I was joined by the irrepressible Gordon Sanghera, who became the star CEO, and had worked as a postdoc with Allen Hill, and by Spike Willcocks a rising business mastermind who had been tutored by Graham, by then at Brasenose. Our initial fundraising efforts were guided by the magic touch of Dave Norwood.

For some years, it had been speculated that nanopores might be used to sequence DNA, but a practical demonstration was lacking. In 2005, with Reza Ghadiri at Scripps, we showed that individual bases could be identified in a DNA strand. Given the success of stochastic sensing, the result was foreseeable and it was more of a psychological breakthrough; this and other early work from our lab in Oxford showed that sequencing was feasible even if there was a great deal left to be done. Soon Oxford Nanopore turned its full attention to this high-risk endeavour, which might not have



Hagan Bayley.

been possible in today's more cautious investment environment. Turning a lab experiment into a marketable product requires a massive effort and successful sequencing was a huge accomplishment by Gordon and his team that took around seven years and required a chip on which hundreds of nanopores can function in parallel. Further, Nanopore's MinION is tiny compared to other sequencers and it is inexpensive and user friendly.

When Oxford Nanopore went public at the end of September 2021 with a valuation of more than £3 billion, it was a sensational occasion. However, it should be remembered that Oxford Nanopore never sold its soul and after an extended effort the company is producing products that are changing the face of medicine. Who would have thought that the genomes of bacteria and viruses could be sequenced on a hand-held device and that the cost of sequencing a human genome could be reduced to that of a routine medical test? Neither should it be forgotten that the beginnings of the technology arose from a basic science problem investigated in academia.

In 2013, I was most fortunate to be elected as an Honorary Fellow at Balliol, which remains my favourite place. Where else could you be treated to a personal preprandial discourse on nuclear fusion by Roger Cashmore (Emeritus Fellow), interspersed with a commentary on the wines of the evening, or a discussion of the merits of the work of the Grateful Dead by David Wark (Professor of Experimental Particle Physics and Special Supernumerary Fellow) based on first-hand knowledge from his gigs with Franklin's Tower? Then of course there are the delightful Sunday concerts and the Fellows' Christmas dinner during which the College's intellectual prowess is displayed by attempts to launch balloon-driven missiles into Alfred Waterhouse's rafters, leaving our guests bemused. For the time being, I remain gainfully employed with my wonderful team of graduate students and postdocs in the Department of Chemistry, having endured the ordeal of the EJRA twice, neither time effortlessly. Scientifically, we continue to move forwards and part of the lab is now engaged in tissue engineering by using 3D printing. Beyond the University, I now own the Woodstock Bookshop and you may find me there when I finally retire.

Hagan's Balliol Lecture of 2021 'The remarkable science of nanopores: from gene sequencing to organ repair' can be found at: https://www.youtube.com/watch?v=1QXQKy0zn2o

#### The Birth of the Blue

Christopher Lord (1977)

Certayne Clerkes there were of Oxenford At the college yclept Balliol they were housed And they toiled most wearilee in the Mysteries Three Of P and P and E.

Day by day, week after week, term after dreary term Stern masters pressed them to the wheel

With torments most tyrannickal

Mind-made manacles of mental dross

Chained them to studies abstruse and thin

Though Chemysts cried 'It is a doss!

Why do they not learn of charge and spin?'

But Yea the year was running out

And secretly these Jackanapes

Bethought themselves to strike a blow

Both cunning and concealed

Against these men who kept their minds

So curdled and congealed:

Those Tutors who had made them shrunken

Must needs be made completely drunken!

Inspired by some malevolent devil

They would drag their betters down

To their own disgraceful level.

All secretly they worked, and for the shameful plan

Would need some special concoction.

One of them had been to France, land of luxury and sin,

And said I have just the stuff: and they did cackle and grin

For what it was, this witches' brew

Was nothing of frog and toad so vile

But a drink that was of brightest blue

With the kick of a mule and an innocent smile.

For Yea in taste it was Pure and Virginall

And like unto the Firmament at a midsummer frolic

When no cloud corrupts the Creator's Glory;

Or unto the far off Sea of Med where boats of pleasure ply:

A blue of the sensual, lavish South

Which soon would come to stain your Mouth

Lips and Tongue and Teeth, all blue

After a nourishing glass or two.

But even this was not enough.

The naughty conspirators swore and cursed

Frustratingly they searched around

For something that could make it worse.

Night after night with many a mixture

They tried to find the perfect elixir

And Lo! One day one Clerke came in

And he was full of cheer.

This! He said, his prize in hand, this will raise the roof:

Vodka it is from the Polish realm: one hundred and twenty proof!

The trap was laid in the Room of Lindsay

With invitations all innocuous.

The Clerkes of P and P and E

In view of the pending examinations preliminary

Invite most graciously and fittingly

The Fellow and Tutors of the dear old College

To Revision Drinks Philosophickall,

Politickall and Economickall.

How charming! they said, How quite Originall,

Expecting a nice little glass of sherry

Some polite chit-chat of this or that

And the usual official brand of Merry.

And at the dread appointed Hour

They all came trooping in

With at their head the Master magnificent

In Historickall questions most learned

Christopher Hill<sup>1</sup> fame unbounded

And a gaggle of bookish subordinates:

Like lambs to the slaughter they came.

For of sherry there was not a sign

Nor wine, nor beer, nor Mountain Dew,

But only a great bowl of the Drink that is Blue.

Of vodka and blue curação it was chiefly comprised

But with the juice of the crafty lemon disguised

So that even with goodly Poland's addition

It seemed no more dangerous than a playful Kitten.

Glasses large were all supplied

And pressed into every Hand

And eagle-eyed, there prowled around

Two Clerkes with jugs and smiles hypocritickall.

'A little more? Ain't it delicious?'

They said in tones studied and malicious.

Eftsoons the staggering began

The speech all slurred, the ties askew,

The lips, the tongues, the teeth, forsooth,

A most attractive shade of Blue.

And when the mighty bowl was done

The dons were drunken, every one,

And stumbled off into the night

Some to face their wary wives

Who knew not what had happened

But some lured off to further ill-advisèd revelry

In night clubs where Dionysius prowled

By Clerkes who if the truth be told

Were now themselves by Drink made bold.

And that is how there first was created

The Blue Drink for which Balliol is celebrated.

Balliol Blue is still sold in the Lindsay Bar. The recipe has changed over the years. Currently, reports this year's Lady Lindsay, Hannah O'Connor, it is vodka, peach schnapps and blue curação topped with chilled lemonade.

<sup>&</sup>lt;sup>1</sup> Master 1965-1978.

## Balliol and Empire Project: two studies

Sebastian Raj Pender (Research Associate on the Balliol and Empire Project)

The Balliol and Empire project, launched in September 2019, was designed to provide a focus for students and Fellows interested in exploring the College's connections to colonialism. Alongside a rich series of talks, seminars, and exhibitions exploring different themes and topics, the project has included detailed research into Balliol's complex relationship with empire, resulting in a more nuanced and multifaceted understanding of this aspect of the College's history. The most significant research outputs of the project to date have been the publication of a report into Balliol's financial connections to the proceeds of historical slavery, and the compilation of a database detailing over 800 Balliol alumni who studied at the College between 1820 and 1920 and who went on to engage, in some capacity, with European imperialism. Taken together, these two studies help substantiate the extent to which Balliol contributed to empire whilst at the same time helping us understand some of the ways in which empire helped shape Balliol.

### Balliol and the Proceeds of Slavery

Focusing on benefactions received by the College between 1600 and 1919, this study set out to help quantify the extent to which Balliol benefited from the proceeds of slavery. With the assistance of Bethany Hamblen (Archivist), it was possible to identify over 500 separate benefactors, including several who made multiple donations to the College. These benefactions ranged from modest sums such as the donation of £1 given by John Banbury of London in the first half of the 17th century, to the most enormous sums of money contributed by individuals such as Peter Blundell, who endowed generous scholarships in the 17th century, and Hannah Brackenbury, whose contributions to Balliol include funding the reconstruction of its buildings on Broad Street in the mid-19th century.

In the interests of establishing parameters which were both wide enough to capture relevant benefactions whilst narrow enough to remain practical, it was decided to focus the study on the 379 benefactors who each gave the College more than £1,000 in total when adjusted for purchasing power today. Using a range of primary and secondary sources, including last wills and testaments, genealogical volumes, and major databases such as that maintained by the centre for the Study of the Legacies of British Slavery at UCL and the Trans-Atlantic Slave Trade Database, 33 of these 379 benefactors were identified as having substantive links to the proceeds of slavery, with a further 6 benefactors categorised as most likely having a connection.

Taken together, these 39 benefactions amount to a combined sum of £301,340 when adjusted for purchasing power, or as much as £2,145,750, if adjusted relative to average wages today. This not inconsiderable sum should be considered in relation to the College's current endowment, which stands in excess of £120,000,000. The final report was peer reviewed by the Centre for the Study of the Legacies of British Slavery established at UCL, and its publication was accompanied by a short film and the Balliol Library's 'Slavery in the Age of Revolution' exhibition, which together examined the Transatlantic Slave Trade at the turbulent end of the 18th century through the lens of Balliol's collections.

The ways in which these 39 benefactors were connected to the proceeds of slavery vary enormously, but among those with the strongest links are benefactors who owned slave plantations in North America or the West Indies. Benefactors in this category include Sir John Molesworth, 5th Bart., and his younger brother William Molesworth, both of whom matriculated at Balliol in the mid-18th century. They came from a family which had owned land in the West Indies for at least three generations, and were co-owners of the family estates of Spring, Pitney, and Cow Park in Jamaica. Similarly, Anthony Cunyngham, who matriculated at Balliol at about the same time as the Molesworth brothers, came from a family which had owned land on the island of St Kitts for generations and inherited several plantations which were held in trust for him after his brother died in 1766. Another example of a benefactor who personally owned slave plantations is Robert Æmilius Irving, who was born in Jamaica: he and three of his brothers inherited his father's Jamaican estates as tenants in common the year before he matriculated at Balliol in 1776. The considerable wealth derived by these benefactors and their families from the proceeds of slavery was dwarfed, however, by the fortune of the Beckfords of Jamaica, who sent several sons to Balliol over two generations, including two individuals who became benefactors in the 18th century. The Beckfords had established themselves in Jamaica after Peter Beckford moved to the island in the 1660s and quickly became a successful merchant in the notoriously lawless town of Port Royal. Over the following generations, the family amassed enormous wealth and land, both in the West Indies and in Britain, and featured among the wealthiest planter families by the time William Beckford matriculated at Balliol in 1725.

If those benefactors who owned slave plantations in North America and the West Indies had clear connections to the proceeds of slavery, then the same is undoubtedly true for those who derived wealth from the transportation and sale of enslaved people. In this category one might mention Henry Vigor, who matriculated at Balliol in 1781 and who was the son of a Bristol maltster, owner of a glass-house, and co-owner of a slave ship named Lion which, in 1759, transported 479 enslaved people from Sierra Leone, Windward Coast, and Cape Coast Castle to St Kitts. As was typical of such hazardous journeys, the death rate was high, with nearly 25% of these individuals perishing in middle passage. A similar case is that of Joseph Swayne, who matriculated at Balliol in the 1730s and was the son of a Bristol merchant who owned Loyal George, a slave ship that embarked on three voyages between 1725 and 1728 transporting a total of 745 slaves from West Africa to Jamaica. A final such example would be Samuel Peach Peach, born Samuel Peach Cruger. His paternal grandfather owned slave plantations in Jamaica and was also engaged in the transatlantic slave trade. Likewise, his maternal grandfather, a wealthy Bristol linen-draper, co-owned two slave ships which together transported 742 enslaved people from West Africa to Charleston. Samuel Peach Peach adopted his maternal grandfather's surname by 1788 as a condition of his considerable inheritance.

A final category of benefactions with connections to the proceeds of slavery which should be mentioned is those linked to investments in jointstock companies such as the Virginia Company and the Royal African Company. Among such benefactions is that which came from John Popham. Though John Popham did not himself attend Balliol, his family had strong connections with the College over the course of three generations, which had seen his younger brother, Alexander Popham, his father, Sir Francis Popham, and his grandfather, Sir John Popham, each study here. Both the benefactor's father and grandfather enjoyed long and successful careers in politics; both also played an important role in early attempts to colonise North America: Sir John Popham was arguably the driving force behind the establishment of the Virginia Company, and the Charter of 1606, whilst Sir Francis Popham served as a director for the Virginia Company and sat on the council for both the Plymouth and London companies. The Pophams were especially important patrons of the Plymouth Company, and were largely responsible for the failed attempt to establish the Popham Colony in Maine.

The report is available at www.balliol.ox.ac.uk/balliol-and-empire-project The film is available at www.balliol.ox.ac.uk/news/2021/september/new-exhibition-by-balliol-library

#### Balliol alumni and European colonialism, 1820–1920

This study researched the nearly 3,800 students who studied at Balliol between 1820 and 1920 and identified over 800 students who developed significant connections with European colonialism over the course of their subsequent careers. These individuals were then classified into one or more of several broad categories based on the type and location of their involvement, and the results were compiled into a database along with additional notes collated whilst researching each individual.

Though this database is intended as a tool for further detailed research, it also provides an overview of Balliol's complex relationship with empire over this period. The database shows, for example, that 315 of the 3,798 students researched (a little over 8%) have been identified as being born outside Europe. Of these 315 students, 65 were of non-European ancestry, including 41 of Indian ancestry, 6 of Thai ancestry, and 5 of Egyptian ancestry. In addition, Sir Albion Rajkumar Banarji, of Indian ancestry, and Rajani Palme Dutt, of mixed Indian and European ancestry, were born in Britain and studied at Balliol during this period. Of the 250 students of European ancestry born outside Europe included in the database, 93 were born in North America, 74 in Australasia, 49 in South Asia, 13 in the West Indies, and 12 in Africa.

Further, some 815, or over 20% of the students researched, went on to have a connection with empire, including 144 of the 315 students discussed above who were born outside Europe. Of the students identified as playing a role in empire, 479 were involved in South Asia, 172 in Africa, 74 in Oceania (overwhelmingly Australia), 61 in Southeast Asia, 43 in North America (Canada), 34 in the West Indies, 15 in the Middle East, 12 in East Asia, and 8 in Central or South America. Many of the 815 Balliol students identified as playing a role in empire were involved in more than one country and region, especially those employed by the Colonial Office, including men such as Roland Venables Vernon (1877), who has been flagged for involvement in the West Indies, Africa, the Middle East, and Oceania. The careers of other individuals, on the other hand, and especially those employed by the Indian Civil Service (ICS), saw them connected to a single region for long periods. One such was Sir Murray Hammick (1876), who joined the ICS in 1877 and served in various capacities before acting as Governor of Madras in 1912. Even after retiring from the ICS and returning to Britain in 1913, Sir Murray continued to be involved in the administration of India in various ways, including through his membership of the Royal Commission to inquire into the Civil Services in India, and his membership of the Council of State (India) from 1915 to 1922, meaning that he played a significant role in the administration of India for over forty years.

If Balliol men were therefore involved across the empire, then the ways in which they were involved also varied significantly. The single largest category was that of colonial administrator, which accounted for some 450 individuals, of whom 343 worked in South Asia, 70 in Africa, 44 in Southeast Asia, and 14 in the West Indies – including several individuals employed in more than one region at different times. In addition, one individual, Hugo James Hardy, worked for the German Colonial Service in East Africa and subsequently joined the German Imperial Colonial Office, where he became the private secretary to Wilhelm Heinrich Solf, the Secretary of State for the Colonies. Interestingly, Hardy also found the time to continue playing tennis, for which he had been well known at Balliol, and subsequently represented Germany in the 1904 Olympic Games.

Apart from colonial administration, Balliol men found themselves involved in various other capacities, including serving in the military and fighting in many of the conflicts which defined the age. Among those who joined the military, 85 alumni have been included in the database because of their service in various parts of the empire, including 40 who served in India, five of whom saw service during the so-called 'Mutiny' of 1857. Among these was Robert Blair (1852), who came to Balliol as a Snell Exhibitioner before joining the army and becoming an officer in the 2nd Dragoon Guards. He was serving in India when the conflict broke out and was awarded the Victoria Cross for what Major-General Hope Grant described as a 'most gallant feat' which saw him kill four enemy soldiers before, 'having run a native officer through the body with his sword, he was severely wounded, the joint of his shoulder being nearly severed'. He died of fever in Kanpur (Cawnpore) around 18 months later. Of the various colonial conflicts in which Balliol alumni served, the highest number were involved in the Boer War, including Colonel Lorne Winfield Redmond Mulloy (1907), who stands out from others in the database by virtue of the fact that he served in South Africa before matriculating at Balliol. Born and educated in Canada, Mulloy was 23 years old when he heard what he would later describe as 'the unspoken call from the mother country', which was prompted by news of Britain's 'Black Week' reaching Canadian newspapers. Volunteering with the Canadian Mounted Rifles for action in South Africa, Mulloy was involved in a series of engagements before being severely wounded in 1900, when struck in the face by two bullets which ultimately left him completely blind. Remarkably, Mulloy went on to attend Queen's University in Ontario, before arriving at Balliol in 1907, where he took a postgraduate degree in Political Economy, as well as rowing in one of the College eights.

A further 45 Balliol men found their place in empire by serving as clergymen or being involved in missionary work. Among these, several reached senior positions, including Henry Alexander Douglas (1841) and James Palmer (1887), who both, some 40 years apart, served as the Bishop of Mumbai (Bombay); and Henry Hutton Parry (1846), who was born in the West Indies to Thomas Parry, Bishop of Antigua, before going on to serve the Church in various posts including as Archdeacon of Barbados, and Bishop of Perth, Australia. Among the 19 individuals who have been identified as being involved in missionary work in some capacity, John Coleridge Patteson (1845) stands out. A missionary in New Zealand, Australia, and the South Sea Islands, this eccentric character and gifted linguist became well known for swimming ashore wearing a top hat stuffed with presents to help ingratiate himself with whatever islanders he would encounter. He was eventually killed on Nukapu in the Solomon Islands, after possibly being mistaken for a 'blackbirder' - someone who would kidnap or otherwise deceive Pacific islanders into accompanying them to large plantations where they were used as forced labour. He is commemorated in the Church of England calendar on 20 September.

Still other graduates of Balliol over this period have been included in the database because of their role in helping shape and mould how their contemporaries understood and imagined empire. An example of someone in this category is Henry Cadwallader Adams (1836), who wrote a series of empire adventure novels including The Indian Boy (1865), Hair Breadth Escapes: The Adventures of Three Boys in South Africa (1876), and Perils in the Transvaal and Zululand (1887). While some relied on their imagination of empire to inform their writing, others have left behind autobiographies or accounts of their own work and experiences in empire. Such authors include Thomas White (1905) and Cecil Rex Niven (1916). White was employed by the ICS and although he died young after drowning in Bengal, accounts of his time working in Assam are anthologised in A Good Day's Work. Niven was based in Nigeria for some forty years whilst employed by the Colonial Administration Service and is the author of several relevant books including A Short History of Nigeria (1937), How Nigeria is Governed (1950), and Nigerian Kaleidoscope (1982).

Although many Balliol matriculants between 1820 and 1920 helped shape the British empire in different ways, others dedicated much of their energy

to criticising it or even attempting to overturn and dismantle it. Among those included in the database for this reason is Shyamji Krishnavarma (1879), who first came to Oxford as a Sanskrit scholar and to work as an assistant to Professor Monier Monier-Williams (1837). Krishnavarma would later, in 1905, found the Indian Home Rule Society and establish India House in Highgate, London, which became the heart of radical and revolutionary Indian thought and activity in England, as well as editing The Indian Sociologist, which was banned by the British administration in India for spreading sedition. Another prominent critic of empire included in the database is William John Evelyn (1841), who resigned as a Conservative Party MP following what he considered the excessive use of force by police to quell disturbances in Mitchelstown, County Cork, which culminated in the deaths of three protestors who were shot by the police. It was after the Boer War broke out, however, that Evelyn rose to prominence for his critical stance against British imperialism and militarism. As news of the war continued to reach Britain, his close friend and one of the best-known anti-imperialists of his generation, Wilfrid Scawen Blunt, explained to another acquaintance that despite the intense enthusiasm that existed in Britain for the conflict, 'Dear old Evelyn still sticks religiously to his principles with me. We are the last of the Anti-Imperialist Conservatives.'

As this brief overview of individuals contained within the database shows, therefore, Balliol students went on to have a more complex and wider reaching impact on the British empire than is often thought. Though the database itself deepens our understanding of Balliol's relationship with empire, its true utility lies in its ability to facilitate and inform further detailed research into the individuals, themes, and categories it highlights. In this respect, the database is contributing to research currently being conducted as part of the project and which explores the role of Benjamin Jowett (Master 1870–1893) in recruiting and educating young men for the Indian Civil Service, and the impact of these same individuals on British India. This study will be the subject of a College seminar in Michaelmas 2022.

# Sil-Sang Sa and Stefano Zacchetti's study of the Da Zhidu Lun

Denis Noble (Emeritus Fellow)

The deep shock of the sudden passing away Stefano Zacchetti (Yehan Numata Professor of Buddhist Studies and Professorial Fellow 2012–2020) during the pandemic still reverberates within Balliol. As the many tributes say, he was a man with a big heart, and he shared that open and giving nature with so many of us. My tribute to him takes the form of three vignettes.

# Scene 1: Won Hyo's commentary on the Diamond Sutra

About ten years ago, I came across a remarkable parallel between the ideas of a 7th-century Korean monk, Won Hyo, and what I had been writing as a book on the Principle of Biological Relativity. That principle states that there is no privileged level of causation in living organisms. The DNA sequences called genes do not 'create us, body and mind'. I discovered that Won Hyo had expressed remarkably similar ideas in a commentary he wrote on the Diamond Sutra,<sup>2</sup> a canonical sutra in Korean Buddhism. He did so in the context of the relationship between the seed and the fruit of a plant. I found that, if one substituted 'genome' for 'seed' and 'phenotype' for 'fruit' in his text, it expressed correctly what I was writing about in modern terms. Of course, we should not read too much into such reinterpretations of old texts, and I certainly would not claim that Won Hyo was a systems biologist long before the modern ideas of systems biology. It is nevertheless correct to acknowledge that he expressed its central concept of multi-level dependent causation. I became convinced of that through trying myself to do a literal translation of Won Hyo's classical Chinese text. I was also delighted to discover that the then newly elected Numata Professor of Buddhist Studies, Stefano Zacchetti, was a specialist on the early transmission of Buddhism from India to China. I could not resist discussing my finding with Stefano. He smiled, that grinning smile we all became familiar with, and said quietly that translating early commentaries on Buddhist sutras was a big challenge. I was relieved, though, that he did not feel that I was far off the mark in my interpretation. I did not know then that I was talking to someone who would leave such an important book to be published posthumously<sup>3</sup> that would provide the missing link in connecting my own ideas and interpretations of Buddhism with direct experience of the tradition in Korea.

## Scene 2: An evening talk at Sil Sang temple in Korea in 2019

A few years later I found myself in one of the famous Buddhist temples in Korea, Sil Sang Sa. Together with a former Visiting Fellow in my laboratory, Yung E. Earm, now a professor at Seoul National University, I had been invited by a film producer to be recorded visiting some spectacular temples in Korea to debate with the monks and nuns on the relationship between Buddhism and science.<sup>4</sup> The head monk at Sil Sang Sa, Do Bub, is one of the most charismatic monks in Korea. Having grown up as a farmer, he educated himself through becoming a Buddhist monk, eventually becoming head monk. My fear when travelling to Korea for the documentary filming was that I might find the monks in the mountains and deep countryside remote from the world of ordinary people and from their concerns and needs. I needn't have worried: I had just the opposite experience.<sup>5</sup> I encountered warmhearted people who were seriously engaged with the problems and well-being of people in general.

The morning meeting at Sil Sang Sa was a session of sharing experiences and problems with people visiting the temple. When given the opportunity to say something myself, I simply introduced myself as an Oxford professor interested to view and experience Buddhist practice at first hand. Just a few hours later, Do Bub approached me to say that his people had asked whether I would give the evening talk. I don't think this was scheduled in the script of the documentary, and I had only an hour to think about what I could possibly say in such a talk. Fortunately, I had my notes on Won Hyo with me and decided to include a brief reference to someone I now realise is a major hero in Korea. It turned out that Do Bub shared that feeling and even followed my talk with his own elaborations on the significance of Won Hyo. In that I was very fortunate. One of Stefano's gifts to me, the reassurance that I was on the right lines in my interpretation, had already borne fruit.

But there was nevertheless a major problem. I was expected to answer questions following the talk. As those questions got closer and closer to some of the central ideas of Buddhism I began to feel uneasy. Whatever parallels I had found between Won Hyo and my own ideas on biology, I was not remotely in a position to give authoritative answers to deep questions about Buddhist metaphysics, well beyond the concepts of 'No-Self' and 'Conditioned Arising' that naturally fascinate scientists. I kept glancing at Do Bub sitting next to me to see whether he felt that he should take over. Every time, his almosthidden hand movement simply indicated that his people wished to know what I thought, not what he might teach them as 'orthodox theory'. There was an

openness, a sense that there simply was no orthodoxy; everything was open to discussion. I was impressed, but still wondered whether this was just the charisma of a special monk, as Do Bub was. Even my way-out interpretation of reincarnation as life naturally reproducing itself, though with varying degrees of fidelity, did not cause so much as a raised eyebrow.

## Scene 3: reading Stefano's monograph in the south of France, 2021

As soon as I knew that it had been published, I ordered a copy of Stefano's book on the Da Zhidu Lun from the Hamburg publishers, only to be told that, following Brexit, they could no longer deliver to an address in the UK. I suggested they could instead deliver it to my neighbour in my village in the south of France, where I could pick it up when I next travelled there. It was a freezing cold December. Over several evenings before a banked-up fire I read the book from cover to cover. As I did so, I could see Stefano's grin and kind-hearted advice. Here he was, through his book, answering precisely the question I was left with at Sil Sang Sa. Stefano's study of the Da Zhidu Lun explains the historical origins of the openness of Buddhist thought. With detailed examples, one after another, he shows that the distinction between a sacred text, a sutra, and its commentaries hardly exists. The commentaries often give multiple possible interpretations of what the sutra says, even so far as to become incorporated into later versions of the sutra. There really is no dogma. Rather, there are always questions. In the filmed documentary, Yung Earm and I are laughing together at the sheer incomprehensibility of the Diamond Sutra. It is incomprehensible, until one realises that the incessant questions are the point.

# Stefano's summary

I finish this tribute by quoting directly from what Stefano writes at the end of his book:

The way in which the Mahayana sutra literature was transmitted, shaped by the active interventions into the texts . . . has profound implications from a religious point of view . . . These practices of textual transmission reflect an image of sacred text - the Buddhavacana embodied by the Larger Prajnaparamita - which is anything but inalterable and untouchable. The idea that a text of this kind should be transmitted mechanically, in a form as close as possible to its original, has no place here. Quite the opposite in fact: alteration and expansion were essential components of the way the texts were conceived and used, especially in the early phase of their history. In these texts, we do not face occasional, accidental 'interpolations', but a pervasive attitude.

It is probable that such a textual fluidity is also a reflection of deeply ingrained notions of Buddhist notions of truth and language.

Both quotes are from page 123 of Stefano's book. No further comment is needed. Sadly, I no longer have the possibility of expressing to Stefano himself how deeply grateful I am, and what these quotes mean to me. We owe a lot to his meticulous scholarship in establishing and extensively documenting these insights into one of the greatest cultural treasures of the world. He makes the period of the early transmission of Indian texts to China, and beyond to Korea and Japan, come alive. He breathes new life into the words of those who, in expressing their own doubts and hesitations in the early centuries of the Common Era, prefigured the modern world of a temple like Sil Sang Sa and of a monk like Do Bub.

<sup>&</sup>lt;sup>1</sup>Noble, D. 2016. Dance to the Tune of Life. Biological Relativity. Cambridge University Press.

<sup>&</sup>lt;sup>2</sup>Won Hyo commentary: Kŭmgang sammaegyŏng ron 金剛三昧經論 Han'guk Pulgyo Chòsò 1, 625b

<sup>&</sup>lt;sup>3</sup> Zacchetti, Stefano. 2021. The Da zhidu lun and the History of the Larger Prajnaparamita. Hamburg Buddhist

<sup>&</sup>lt;sup>4</sup>Videos on science and Buddhism: www.denisnoble.com/philosophy-oriental/

<sup>&</sup>lt;sup>5</sup> Korean TV interview: www.youtube.com/watch?v=DicghgYmIe8

# **Handshaking**

Peter Higgins (1949)

Early December 1949 - the last Saturday of my first term at Balliol - and I was packed and ready to make my way back to my home in Sheffield. But first, there was the 'formality' of handshaking. I had been led to believe that there was nothing to it: just turn up at the Senior Common Room at the appointed time and wait your turn to be called into another room, where you would sit down in front of the Master of the College (Sir David Lindsay Keir, a great authority on English Constitutional Law. Oddly enough it was also the end of his first term as Master and consequently his first handshaking at Balliol). Also present were any of the tutorial staff with whom you had been engaged during the term. He (always a he in those days) would say a few words confirming that you were a worthy member of the College and had done your work satisfactorily. The Master would congratulate you on this achievement, wish you a happy vacation and off you would trot.

But not always, as I soon learned. The young man who had gone in before me, after what seemed a long time for this 'formality' emerged looking rather shaken and passed on to those waiting that he had been threatened with being sent down. That concentrated my mind somewhat but in I went, my composure only slightly ruffled.

The circumstances of my tutorials in that first term were unusual, in that most of my time had been spent trying to get to grips with the enormous subject of Human Anatomy – being required to learn far more than the average doctor would ever use in the process of caring for his patients. Physiology was also a requirement for the exams we would take at the end of our second year, but this took second place: the six of us doing medicine met a Junior Fellow once a week for a series of 'crammers' on the subject. The meetings took place on Friday evenings in a very small room, heated by a roaring gas fire, where we were subjected to a very dull monologue delivered by this Junior Fellow. At best it was an exceedingly dull hour and to make matters worse, I had done some physiology at school, so these monologues were even more dull than might otherwise have been the case. Consequently, try as I would, I always went to sleep. My somnolence was never commented on, so when this Junior Fellow was asked his opinion and responded 'Mr Higgins has the habit of closing his eyes during tutorials, which gives an impression of sleep rather than one of rapt attention' (his exact words, engraved on my heart – like 'Calais', which Queen Mary claimed to have engraved on her heart), I was totally surprised.

The Master looked at me over his half-moon spectacles: What have you got to say about this, Mr Higgins?'

Thrown completely off balance and in a mild panic, I responded: Well, I don't actually go to sleep but my eyes get sore and I close them to rest them' (which was true up to a point).

The Master took this seriously and said: 'Well, during the vacation you must go and see an optician.'

I exited as gracefully as I could, happy that I had got off so lightly, but of course I obeyed the Master's order.

The optician examined my eyes and told me what I knew already: that my eyesight was pretty good (it was in those days, it has gone off since), but he diagnosed mild astigmatism and prescribed a pair of spectacles.

'When will I get them?'

'Oh, about next September.' Remember that this was January 1949. The NHS had come into being barely a year earlier and the whole population, rejoicing in the fact that everything in the NHS was free, were making the most of the situation, so that such delays were normal.

I knew that I didn't need spectacles anyway and so off I trotted, content with the thought that this was the end of the matter.

I was wrong! On the first day of the next term I spotted the Master walking across the Garden Quad. I made my presence as unobtrusive as possible (not easy when you are over six feet tall) but in vain – he spotted me.

'Ah, Higgins,' he said. 'Did you see an optician during the vacation?'

'Oh yes, sir.'

'And did he give you a prescription for spectacles?'

'Yes, sir.'

'And when are you going to get them?'

'In September' (remember, this was January).

'Oh, we can't have you, a state scholar (which indeed I was), not being able to do your work properly. I will write to the health authority in Sheffield and if they don't act, I will take it up with the Minister of Education.'

My heart sank. Was I going to become a cause célèbre and consequently be exposed as a deceiver?

I needn't have worried. I imagine the health authority in Sheffield were sufficiently impressed by receiving a letter from the Master of Balliol College, Oxford, and him a Knight of the Realm too, that I got my spectacles pretty well by return of post. The only snag was that I had to wear them whenever I was around the College, and life being what it is (Sod's Law or the judgement of God – take your pick) my sight deteriorated to the point that I had to wear my spectacles more or less routinely by the time I qualified as a doctor five years later.

But from this episode I learned an important lesson which stood me in good stead throughout my career. If, when teaching, you notice that someone is nodding off, ask him (nearly always a 'him'; women are much better at staying awake) a question. Obviously you have to catch him before he is fully in the arms of Morpheus but with this proviso, it always works and can save everyone a lot of embarrassment.

# Between oppressive surveillance and curative scalpel: Carmen Bugan (2000) and the triumph of poetry

Alexandru Popescu (1994)

A good poem helps to change the shape and significance of the universe, helps to extend everyone's knowledge of himself and the world around him. - Dylan Thomas, On Poetry

In his book of critical essays Along Heroic Lines (OUP, 2021), Sir Christopher Ricks (1953 and Honorary Fellow) entitles the chapter dedicated to Romanianborn American poet and writer Carmen Bugan 'Ion Bugan on the Iron Curtain'. This title reflects Ricks' reputation as the most gifted and ingenious literary critic writing in English, for it is both meaningful and intriguing. It gets to the heart of how Carmen Bugan excavates and takes full possession of her heritage and family history.

Carmen Bugan's father, Ion (b. 4 May 1935), an electrician from Romanian Moldova, was tortured and imprisoned as a political dissident before and during the regime of Romanian tyrants Nicolae and Elena Ceausescu (1965-1989), while his family were subject to constant harassment and round-theclock surveillance by the Securitate, the state secret police. Between 1961 (when he was first imprisoned for provoking 'social unrest' and trying to escape from the Romanian People's Republic) and 1989, when anti-communist revolutions swept through Central and Eastern Europe, Ion Bugan was either incarcerated in political prisons or placed under such stringent curfew rules that he and his family had no choice but to flee the country. They emigrated to the United States in November 1989 when Carmen was just 19. This was only a month before a coup d'état which involved the tyrants' show trial and execution on Christmas Day, following mass protests and violent civil unrest during 'The Stolen Revolution' of 16-22 December 1989 (an originally anticommunist revolt orchestrated into a neo-communist restoration under the guidance of Soviet-led and KGB-related political and military leaders). Ion was a most ingenious dissident who dreamt up a variety of political dissent forms, from distributing samizdat pro-democracy manifestos (typed on a clandestine typewriter) to painting anti-regime propaganda on Bucharest's ubiquitous stray dogs – the perfect *lèse-majesté*, as he mischievously put it when I interviewed him in Oxford.

Carmen Bugan has been exiled not only geographically but also internally, publishing, in English rather than in her mother tongue, five books of poetry (from Crossing the Carpathians, Carcanet Press, 2004, to Time Being, Shearsman

Books, 2022), a memoir, Burying the Typewriter: Childhood Under the Eyes of the Secret Police (Picador, 2012), and a monograph on Seamus Heaney and East European Poetry in Translation: Poetics of Exile (Routledge, 2013) based on her DPhil research at Balliol. Her book *Poetry and the Language of Oppression* (OUP, 2021), subtitled 'Essays on Politics and Poetics', gathers five of her lectures edited by Carl Schmidt (Emeritus Fellow). These five academic essays draw on her experience as a child of political dissidents and an adolescent witness to life in communist Romania, where she returned in 2010 to study the archive of surveillance documents on her family.

They include comments on and illustrations of her own poems which seem not only to nurse and heal the wounds inflicted on her developing self as a child growing up under socio-political duress, but also to set up a propaedeutics towards personal resistance to oppression as part of any human story. This quasi-clinical self-examination of the developmental, cognitive, and emotional effects of political persecution and repression at personal and social levels leads to (in the words of the often overlooked subtitle of Aleksandr Solzhenitsyn's seminal The Gulag Archipelago) an Experiment in Literary Investigation and a lifelong propensity for addressing such causes of childhood and adolescent trauma:

One aspect of revisiting and rethinking the past is reorienting oneself towards childhood stories so crucial in forming the trust in language on which every writer depends. This reinterpretation was also affected by my reading the files: they have reframed emotionally my early life with its fictions, turning it into something else almost entirely. One of those stories found its way into my father's secret police dossier. What does a children's story have to do with secret police documents evidencing someone's crime against a regime? And what does the story mean twenty-seven years after I first copied it from the book, when I marvelled at the noise, the smell, and the neat letter marks of my parents' typewriter? [p. 8]

The language of oppression is what in Romania is widely referred to as *limba* de lemn ('wooden language'): a politically engineered linguistic instrument of brainwashing across all society through Soviet-interpreted Marxist ideology and Leninist 'convince and coerce' propaganda. After the Second World War such methods of re-education were designed to indoctrinate the population, from an early age, to create oameni noi ('new humans'), as members of mass youth organisations which functioned on Lenin's 'transmission belt' principle, linking the Communist Party with the working class.

In this context, Carmen Bugan's explorations of and reflections on the interface between poetry and the language of oppression discovered in her father's Securitate files chime methodologically with Michel Foucault's major

study of the prison as a social institution, Surveiller et punir: Naissance de la prison (1975), which combines detailed historical material from the archives with the often counter-intuitive hermeneutics of his research. Rather than protesting against the pervasive terror once inflicted on her, Bugan denounces it descriptively:

[T]hese Securitate dossiers are necessary material for poetry, not only because of their testimonial value but as a clear example of complex linguistic constructions used for systematic control of people that bureaucratize the maintenance of fear, dispense with compassion, blunt the soul. These are all part of my past experience and now part of the voice in many of my poems. [p. 7]

This creative approach is intended to have both a clarifying and a liberating effect, thus offering the poet the chance of self-healing through literary confession, in a deep albeit implicit sense of Christian forgiveness. In that respect, during a visit to their Moldovan village in 2010, Bugan's mother, Mioara, told the village people, including relatives, who had once spied and reported on the Bugans for food and cash as Securitate informers: 'I love you all and I forgive all of you.'

An inspired poet and contemplative analyst who strongly believes in demiurge-like artistic powers, Carmen Bugan refuses victim status. She despises 'self-pity and sermonising about suffering' (p. 128), while writing herself free by 'bringing the political, technical, language of the files into direct confrontation with the expressive, intimate, language of poetry' (p. 13). Since repentance and forgiveness facilitate the removal of trauma and grief from personal development, they are also conducive to growth and selfrealisation. As an immigrant poet in exile she acknowledges that

Losing the native language, not hearing it spoken, not having it available to explain oneself in it, not knowing the currency of words and how to calibrate one's use of them, shatter all the carefully constructed protective layers of personal identity. At best, for those fleeing oppression, this can be enabling, working as a pathway to internal freedom and self-definition. [p. 86]

The poet shows understanding and compassion towards her compatriots who, during Ceausescu's rule, were starving and servile. Those who dared to oppose the police state were often thought to be 'insane and reckless', a characterisation her father had to endure most of his life. Ion Bugan's daughter thus becomes his prophetic mouthpiece:

The general silence functioned as an integument that protected people from persecution. Still, at that time when the general public hid itself in mute acceptance of tremendous hardship and when language was censored, some relied on the power of words in order to resist. I loved that faith and I inherited it. [p. 166]

Carmen Bugan (left) with Alex Popescu.

'Memory, both personal and cultural, is a repository of our soul' (p. 168). Carmen Bugan's 'heroic lines' are rooted in her deeply spiritual experience of a phenomenology of the diabolic represented by a communist regime supported by a nationwide apparatus of surveillance and re-education through terror.

Against this background, Bugan's whole literary oeuvre is testimony to Romanian philosopher Victor Iliescu's view that, 'the diabolic has no effective way of opposing God, precisely because of its fundamental parallelism with God. The diabolic is invariably harmful and is always bent on destruction. But in no way can the diabolic set up a creation in direct opposition to God's creation.' (Victor Iliescu, Fenomenologia Diabolicului, [The Phenomenology of the Diabolic, Bucharest, 1995, p. 24, my translation, A.P.)

The poet's reaction to the wonderful but also worrying world we inhabit is determined by conscious and subconscious memories deeply encapsulated in our material flesh and 'collective unconscious'. To release ourselves from historical trauma, writers like Carmen Bugan are aware of the need to engage with oppression using language 'as precisely and skilfully as a surgeon uses the knife: whatever cut must be made, it must be part of the curative process', as she says in Poetry and the Language of Oppression (p. 145).

The essays preserve much of their original engaging oral style, which enhances the authenticity of Bugan's self-analytical voice as a writer whose language reflects her personal encounter with history. They make a persuasive plea for viewing politics in literature 'beyond their use as mere partisanship', while transcending political one-sidedness towards 'reassessing how we govern ourselves with language' (pp. 148-9). The poet thinks of poetry in terms of its spiritual potential to access 'our deeper self through its fundamental moral articulations' and to affirm 'the triumph of poetry written under pressure' as indicating 'the health of our species' (p. 151). Bugan passionately believes in poetry's 'ability to generate a language that is fully present to the moment of transformation, when we rethink how we live our lives' (p. 150).

In tune with the indomitable spirit of Geoffrey Hill's quintessential 'The Word begets us crying Fuck! and Avel' (The Daybooks VI, 5), while echoing the pragmatic rationality of Jürgen Habermas's The Theory of Communicative Action, 'Carmen Bugan's imaginative custody of Ion Bugan' (Ricks, op. cit., p. 291) transfigures her father's story into a poet's celebration of wisdom and wonder to trace back the nature and processes of our Lebenswelt ('life-world') ultimately to the mystery of language itself.

# Greek Myths: A New Retelling

# Charlotte Higgins (1990), Jonathan Cape 2021

Oswyn Murray (Emeritus Fellow)

It is claimed that Aristotle said 'As I grow older, I fall more and more in love with myth.' In contrast with Plato, who was always ensnared in myth, there is little sign of that in his surviving works; but it is a nice fantasy to imagine the austere old philosopher abandoning complex argument to enjoy the world of storytelling.

Charlotte Higgins invites us to this experience in her elegantly produced new work, beautifully illustrated with delicate line drawings by Chris Ofili. She has chosen a feminine persona, transmitted through the image of the female art of tapestry weaving. Each section is conceived as



a separate tapestry, woven by a series of goddesses and heroines as they sit at their looms. Athena tells how the world began; Alcithoe, sitting safe at home from the wild Dionysiac orgies, tells of Europa, Cadmus and the whole Theban myth cycle down to Dionysus, Pentheus and his deluded mother Agave. Philomela weaves the stories of herself and Procne, Narcissus, Pygmalion, Atalanta, Meleager, Pyramus and Thisbe, Eros and Psyche. Arachne, the spider woman, tells of the gods and their mythical offspring, half human, half gods. Andromache weaves the story of Troy, Orpheus and Eurydice, and the entrance to the underworld. Helen weaves her own story past and future, and the fate of the women of Troy. Circe recounts the story of the Argonauts of the golden fleece, Alcinous and the Phaeacians, as Odysseus' pigs snuffle around her feet; and finally *Penelope*, the ultimate weaver of the Odyssey, tells the story of the Returns from Troy, Agamemnon, Cassandra, Electra, Orestes and the Kindly Ones. Was any of this true, Penelope wonders as she lays down her 'weaving sword' at the end?

Charlotte Higgins takes the stance of a female Ovid, seeking to explain the Darwinian complexity of her world with the tools of Ovidian metamorphosis: trees and animals were once humans, gods created the multiplicity of the world by procreation with mortals, who were then transformed into plants, birds and animals according to metamorphic logic. It is a simple story, just a

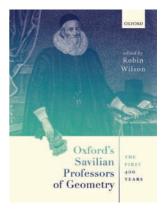
story, as the classical world imagined it, beautifully told, designed to enchant thousands of modern listeners, old and young, much as once in the Victorian age Charles Lamb and his murdering sister enchanted the innocent readers, before those nasty male mythographers Darwin and Freud came along to tell other more gruesome myths, and boring historians and modern scholars began to insist that we should take myth seriously. Let us get back to the purity of myth and the simple view of the beauty of the natural world.

# Oxford's Savilian Professors of Geometry

## Robin Wilson (1962), ed., Oxford University Press, 2022

Jason D. Lotay (Professor of Pure Mathematics and Tutorial Fellow in Mathematics)

The Savilian Professorship of Geometry at the University of Oxford is the oldest mathematics professorship in the UK to be based at a university, and holding the position remains one of the highest accolades in mathematics. It was founded in 1619, along with the Savilian Professorship of Astronomy, and this book explores and reveals the 400 years of history of the many notable figures who have held the Savilian chair. It is an auspicious time for the Savilian chair, because the current holder is the first the current holder is the first woman: Professor Frances Kirwan DBE (1981 and Emeritus Fellow), who was a former



graduate student and my predecessor as Fellow and Tutor of Mathematics at Balliol. It is therefore an opportune moment to celebrate the 400 years of Oxford's Savilian Professors of Geometry and this book is undoubtedly one of the key parts of that celebration.

By taking us through the history of the 20 individuals who have held the Savilian Geometry chair, this book gives insights not only into the lives and works of these important figures but also into the history of mathematics and science more generally. Indeed, since the early Savilian chairs in Geometry and Astronomy were essentially indistinguishable, as the example of Edmond Halley (of Halley's comet fame) demonstrates, the book gives intriguing insights into the history of astronomical study as well as other aspects of experimental science. Of course, mathematics is the main subject of interest, and whilst geometry appears most frequently the book covers a wide range of interesting mathematics, including algebra, analysis, number theory and topology, particularly in the chapters on the 19th and 20th centuries.

As the Savilian chair is such an important figure in the context of the University of Oxford and the teaching and study of mathematics, the book provides fascinating detail concerning the historical development of mathematics at the University and in the UK at large. It describes the highs and lows throughout the 400 years of the Savilian chairs, leading up to the point where the UK, and Oxford in particular, now leads the way globally in university teaching and research in mathematics.

The book is divided into eight chapters, each with a different author or authors, and covers the Savilian chairs in chronological order. This necessarily leads to a difference in style amongst the chapters, though some uniformity is provided by having each chapter start with a useful summary and usually end with some concluding remarks reflecting on the material in the chapter. As well as covering the facts, the book is filled with wonderful quotes and entertaining stories that help to bring the history to life as well giving important insights. The text is also often supplemented by pictures which help to break up the written content and connect the reader more deeply to the characters and history described.

All the Savilian Professors of Geometry are covered in the book, as well as some of the Savilian Professors of Astronomy, since in the early days the Savilian chairs could equally have been both (and some of them even switched from one chair to the other). Necessarily some of the Savilian chairs are covered in more detail than others, sometimes simply because of lack of information, or otherwise because they did not have a particularly notable career. The current Savilian chair (Dame Frances Kirwan) is not directly covered, but she writes the penultimate chapter and provides the book's foreword, which contains some great anecdotes about her early mathematical career and her interaction with the previous four Savilian Professors of Geometry.

The first chapter of the book, by William Poole, discusses Sir Henry Savile and the founding of the Savilian chairs, before moving on to the first two holders of the chairs of geometry (Henry Briggs, who co-invented logarithms, and Peter Turner) and astronomy (John Bainbridge and John Greaves) in the 17th century. Here the book makes the important point that the foundation of the Savilian chairs was not primarily about innovation and the creation of something new, but rather about continuity with the existing teaching of mathematics at Oxford and to provide continuity with the future of mathematical instruction and scholarship.

The second chapter, by Philip Beeley and Benjamin Wardhaugh, continues with the 17th century and describes the life and career of John Wallis. Wallis appears as a great mathematician, the government's leading code breaker, and founding member of the Royal Society, but also as a combative individual who became entangled in several (sometimes long-standing) feuds and controversies. Wallis lived through the Civil War, the Protectorate and the Restoration of the monarchy, so he is also portrayed as a survivor through this time of great upheaval.

Starting in the 18th century, the third chapter, by Allan Chapman and Christopher Hollings, covers the next six Savilian chairs of geometry, beginning with Edmond Halley and ending with Stephen Rigaud, which encompasses about 100 years of history. Most of these figures were chiefly astronomers, so that is the academic focus here, including of course Halley's work on comets and discussion of total solar eclipses.

Keith Hannabuss (1963 and Emeritus Fellow), another former Fellow and Tutor of Mathematics at Balliol (1971-2012), writes the fourth chapter, covering the next two Savilian chairs: Baden Powell and Henry Smith. This period in the 19th century was a time of great change and reform at the University of Oxford, reflected in the history of these two people. Baden Powell (one of whose sons was Robert Baden-Powell, founder of the Boy Scouts) was mainly a scientist, whereas Henry Smith was an important mathematician, whose various mathematical achievements in a range of topics are celebrated here. Of particular note is the direct link between Henry Smith's work and that of the Ukrainian mathematician Maryna Viazovska, one of the 2022 winners of the Fields Medal and only the second female winner of the prize.

The fifth chapter, by Karen Hunger Parshall, stays in the latter part of the 19th century with the well-known mathematician J.J. Sylvester, the first Jew to hold a chair at either Oxford or Cambridge, and there is also a brief discussion of his successor, William Esson. Sylvester came to the Savilian chair having previously been the inaugural Professor of Mathematics at Johns Hopkins University, and this chapter contrasts Sylvester's experience at Johns Hopkins (which he greatly enjoyed) and Oxford (which was his dream job, but turned out to be more challenging and ultimately not as he had hoped).

The sixth chapter, by the editor Robin Wilson, looks at the first two Savilian chairs to take up the post in the 20th century: the eminent mathematicians G.H. Hardy and E.C. Titchmarsh. Hardy is widely recognised as one of the most important pure mathematicians from the UK in the first half of the 20th century, who made fundamental contributions to number theory, particularly with his long-term collaborator J.E. Littlewood, and who is also known for his work with S. Ramanujan (dramatised on screen in *The Man Who Knew Infinity*). Titchmarsh was Hardy's first research student in Oxford and his distinguished mathematical career is also described.

In the seventh chapter Dame Frances Kirwan describes her four most recent predecessors as Savilian chair, which takes us from the 1960s to the 21st century. The focus of the chapter is on the first of these, Sir Michael Atiyah, who was also Kirwan's DPhil supervisor. He was undoubtedly one of the most influential UK mathematicians of the latter half of the 20th century, and he received many mathematical honours during his lifetime, including the Fields Medal and the Abel Prize, as well as a knighthood and the Order of Merit. Sir Michael Atiyah's death in 2019 coincided with the start of the celebrations of the 400 years of Savilian Professors of Geometry, so it seems fitting to have a vivid description of his life and career in this book by someone who knew him well. The careers of the remaining Savilian chairs, including the topologist Ioan James, are discussed more briefly; Richard Taylor (most famous for his contributions towards the proof of Fermat's Last Theorem in joint work with Andrew Wiles) only held the post for a year, and the famous geometer Nigel Hitchin is the focus of the book's final chapter. There, in a transcript of an interview by Mark McCartney, we gain an insight into Hitchin's life and mathematical career, as well as his thoughts on his achievements and mathematics.

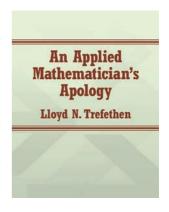
By focusing on the 400 years of history provided by the Savilian Professors of Geometry, this book gives us a window on to the development of the University of Oxford, mathematics and science over that time, and some of the characters who helped shape that change. I heartily recommend it to anyone interested in the history of the University of Oxford or mathematics and science.

# An Applied Mathematician's Apology

# Lloyd N. Trefethen (Professor of Numerical Analysis and Professorial Fellow), SIAM, 2022

Professor Philip Maini (1979)

This essay is inspired by G.H. Hardy's 'A Mathematician's Apology' published in 1940. In his essay, Hardy explores, amongst other things, the 'usefulness' of what we do with our lives, asking if the pursuit of knowledge for the sake of knowledge itself is a worthy and justifiable cause, and his essay is an apologia, a defence of the field of (pure) mathematics. The present essay, while also a personal reflection of a life spent in mathematics, does contain more mathematics and biographical material from the author. The author is Lloyd (Nick) Trefethen, Professor of



Numerical Analysis and Professorial Fellow of Balliol. Nick is a huge name in the field. He is a Fellow of the Royal Society, was President of SIAM (Society for Industrial and Applied Mathematics) and has won numerous prizes and accolades. Recently, a graduate student from Spain was visiting a colleague of mine in the Mathematical Institute here in Oxford. The student was telling me about the excitement he felt at seeing a number of famous mathematicians. 'Yesterday', he enthused, 'I saw Nick Trefethen!'

The essay narrates, in part, the story of Nick's journey through mathematics, from travelling around the world aged nine with his family for his father's sabbatical (this involved 28 days crossing the Pacific on a freighter) to his present position, via undergraduate study at Harvard, a doctorate at Stanford, postdoc at NYU, and faculty positions at MIT and Cornell, arriving in Oxford (and Balliol) in 1997. Along the way, he challenges his contemporary Bill Gates to a typing competition and wins, and meets many people who were at the time, or who have since become, very well-known mathematicians. What comes across very clearly throughout the book is Nick's absolute passion for his subject. He presents the five fields of mathematics that have been central to his research, how they are linked (or not), some of the core mathematical challenges in each field, and how he came to get involved in each field.

Nick explores the divide between pure and applied mathematics, pointing out that, unlike most other disciplines, in mathematics it is possible to be

a world-renowned researcher but never to have read anything by, nor been impacted by, most people who have won the biggest prizes in your discipline. He then delves deeper into the subject by highlighting the distinction between discrete and continuous mathematics and how this, in turn, leads to how he sees the distinction between the fields of numerical analysis and computer science. He explores, and illustrates, at many levels, the divides between subbranches of the discipline of mathematics and how these divisions lead, sadly, to the loss of potentially fruitful and ground-breaking collaborations. Indeed, he points out: 'Our mission, the mission of this essay, is to encourage better communication between the many parts of mathematics without pretending they are all the same.'

While some people will find this book to be a bit too mathematical, others will find it interesting to read about a journey through mathematics taken by a world-renowned mathematician, and also thought-provoking in a number of ways: how do fields in a subject become established and evolve? Why do they move apart from each other? Why does one part of a subject acquire a high level of recognition and respectability while other parts are looked down upon? This latter question does, of course, arise in the wider world – why do we hold certain professions in high regard but look less favourably on others? In the context of mathematics, the essay quotes some well-known, rather unflattering, remarks that pure mathematicians have made about applied mathematics.

I myself am an applied mathematician. I have a degree in mathematics – a BA not a BSc. Mathematics is an art. We all enjoy going to the gallery to see beautiful paintings of landscapes. Yet to see those paintings we need another depiction of a landscape – a map. Now, no one would ever say that a map is a piece of art. In fact, for it to become a piece of art would require it to be altered in a manner that would make it unfit for purpose. Art brings to us an inner beauty and takes us to a world beyond reality, just as pure mathematics does. It is a great pity that we have to live in the real world and that is where applied mathematics comes in. Truth be told, I would much rather spend my time looking at the works of Monet than at a map . . . unless I want to go somewhere.

But why do we need to have this disparity within the discipline? Having given his deep, personal thoughts on the matter, Nick ends the essay with the words '... I only wish to suggest that its current state is not all it could be, and that it is a challenge for the next generations to bring the field closer together.' I could not agree more and I am convinced that the next generations, in overcoming this challenge, will break a fundamental law of arithmetic and show that the whole is greater than the sum of the parts.

# In Memoriam

# Professor Roger Lonsdale FRSL FBA (1934–2022)

Andrew Bradley Junior Research Fellow 1960–1963, Tutorial Fellow in English 1963-2000, Vice-Master 1978-1980 and Emeritus Fellow from 2000

Professor Seamus Perry (Professor of English Literature, Massey Fellow, Tutor in English and Fellow Librarian)

Roger Harrison Lonsdale was born in Hornsea on the Yorkshire coast on 6 August 1934 and attended Hymers School in nearby Hull. He was not only a good scholar but also a good citizen, serving as editor of the school magazine (1950-1952), as well as Secretary of the Music and Debating Societies and Under Officer of the Combined Cadet Force. He was made Head of House and played in the First XI, so when he left in 1952 he could scarcely have had a more glittering track record. Talking with him once about the business of undergraduate admissions, I remember Roger telling me that he had first put in to read English at Christ Church: there he was interviewed by the formidable J.I.M. Stewart, who turned him down. ('So you see', Roger said with the barest shadow of a smile, 'no one always gets it right.') He tried again and was more successful with Lincoln College. Young men were usually advised to do their National Service before coming up, and Roger did his two years as a Navigator in the Royal Air Force before arriving at Lincoln in 1954.

His tutor was Wallace Robson, a young and gifted member of the Faculty who enjoyed a mild notoriety among the old guard for publicly admiring the Cambridge critic F.R. Leavis. Robson was an effective (if, by report, rather disorganised) tutor who inspired great affection in his pupils, but the important influence on Roger lay elsewhere. Robson (as I remember Roger telling the story) had a term's leave at one point, so Lonsdale was farmed out to F.W. Bateson, the English tutor at Corpus; and when Robson returned from his sabbatical Roger told him that he would rather prefer to stay with Bateson. That sounds like a very assured, even audacious, gesture for a young man to make; but Bateson and Robson were on very good terms and the change of tutor, as Roger described it, does not seem to have been awkward: Bateson, indeed, was the figure to whom bright and rising members of the Faculty such as Robson looked up. Bateson must have been an exciting figure for an ambitious young scholar in many ways: besides his great personal gifts as a teacher, he was famous for the Cambridge Bibliography of English Literature (1941), an immense work in four volumes that undertook to cover the whole of English literary history from the Anglo-Saxons to the year

1900; he had just founded a new journal, Essays in Criticism; and he would shortly go on to launch, as general editor, the Annotated English Poets series for Longman, the first concerted attempt to produce textually authoritative editions of the major English poets with full explanatory notes. Leavis was a gifted critic and Oxford was full of weighty scholarship, both excellent things; but Bateson inspired a gifted generation of pupils by advocating a combination of the two, marrying critical dexterity and scholarly heft; and Roger clearly took the example to heart.



Fellow of Balliol, 1960s.

He took a First in 1957 and began his doctorate on 18th-century literature. In pursuit of that he

spent two years in Yale University where he worked with James Osborn, a vivid character and a remarkable collector with a perpetual post at Yale as 'Research Associate': he had done his BLitt in Oxford in the thirties and was a friend of Bateson's. Roger's return to Oxford marked the beginning of his long association with Balliol: he was elected Andrew Bradley Junior Research Fellow in 1960, completing his DPhil in 1962 with a thesis about Charles Burney (1726–1814) which went on to form the basis of his first book, Charles Burney: A Literary Biography (1965). Charles Burney was an historian of music and himself a distinguished musician and composer, as well as a man of letters, and so spoke to two of Roger's most passionate interests: for his love of music was profound, though sometimes articulated in characteristically rueful ways. When I coincided him with once at lunch he was regretting the terrible disruption that would shortly be caused to life by his catching the train to London that afternoon. I gathered that he was going to the latest in a complete sequence of the symphonies of Shostakovich at the Royal Festival Hall, and that he had signed up for all 15. My face must have betrayed some surprise at his making such an audacious commitment because he went on to explain vaguely: I thought I ought to.' He was obviously looking forward to it enormously.

He became Tutorial Fellow in 1963, a post he would retain until 2000. Shortly after his election to Balliol he married Anne Mary Menzies, with whom he had a son and a daughter. The marriage was later dissolved; and, in 1999, he remarried, his spouse then a Research Fellow of the College, Nicoletta (Nico) Momigliano (1993), now a Professor of Aegean Studies at Bristol University. In College he served his turn as Vice-Master (1978–1980) and Senior Fellow (1994–2000); in the University he held a British Academy Readership in 1982– 1984 before being elected to a Readership in the University in 1990 and to a personal Chair in 1992. He was made a Fellow of the Royal Society of Literature in 1990, and of the British Academy in 1991.

As such honours imply, his career was immensely distinguished: he is among the very greatest literary scholars in the history of the Oxford Faculty. Bateson signed him up for a volume in his Longman series and the result was an edition of Gray, Collins, and Goldsmith (1969) which remains unsurpassed half a century later: in both textual deliberation and critical commentary it is an exemplary performance. Some of the notes are effectively essays: of the line in Gray's 'Elegy', 'The ploughman homeward plods his weary way', for example, Roger has what amounts to a miniature dissertation summarising the unlikely controversy that the line prompted in the pages of the Gentleman's Magazine about 'the timetable of the English ploughman', as well as adducing pretexts for it in Virgil and Horace, Ambrose Philips and John Gay, Joseph Warton and Edmund Spenser. The learning is massive, but the tone always light and easy and, for want of a better word, companionable. He thought it would be improper, he said, for his notes to occupy an entire page and successfully persuaded the typesetters to arrange things so that when that state of affairs threatened, at least one line of poetry would sit on top of the densely printed column of erudition of which it was the occasion. His other great scholarly achievement was an extraordinary edition of Johnson's Lives of the Poets in four weighty volumes for Oxford University Press (2006): it took him many years to bring to completion and was instantly recognised as the masterpiece it is. It is hard to find words of sufficient praise for it', said Henry Woudhuysen, 'this is a great and classic edition'; 'quite simply a marvelous scholarly performance', said Frank Kermode. It quickly won prizes, including the Modern Language Association Prize for a Distinguished Scholarly Edition.

Besides these, other, more anthological, forms of editing occupied him, making him a well-known fixture in the Bodleian Upper Reading Room as he worked through a whole century of English poetry: the results, the New Oxford Book of Eighteenth Century Verse (1984) and Eighteenth Century Women Poets: An Oxford Anthology (1989), between them redefined the sense of an entire literary epoch. What John Carey (Andrew Bradley Junior Research Fellow 1959–1960 and Honorary Fellow) said about the Oxford Book was no less true of its sequel: 'enthralling' and enforcing 'a reappraisal of what eighteenth century poetry is'. Among Roger's other works were an edition of Beckford's

orientalist extravaganza Vathek (1970) and The Poems of John Bampfylde (1988), which rescued from almost complete neglect highly a distinctive, tragic voice from the late 18th century. Such editorial work engaged most of Roger's academic life, but the gift for vivid biography demonstrated in the early study of Burney



After Schools, Balliol 1996. Photograph by Nicoletta Momigliano.

re-appeared from time to time – in the wonderful account of Joel Collier, 'that remarkable musical traveller, buffoon, bassoonist, castrato, and Methodist convert', which he contributed to the volume in Osborn's memory (1979), for example, and in the touching biographical sketch that prefaces his edition of Bampfylde, He was also an accomplished literary critic: he contributed a masterly essay on Pope's ambivalence to the Augustan volume of the Sphere History of Literature (1971) of which he was also the editor; and his account of Thomas Gray, first delivered as Chatterton Lecture to the British Academy (1973), remains one of the best things ever written about the elusive genius of that strange poet. And as you could tell from his conversation, he habitually brought his critical discrimination to bear on the whole range of literature: one story told at his memorial service in Balliol Chapel was about his decision to re-read Anthony Powell's Dance to the Music of Time to see if it was as bad as he remembered it. It was.

After his retirement he remained a much-loved member of the Common Room and a wry, discerning observer of the Oxford scene, often to be found at coffee with John Burrow (who adored him) exchanging reminiscences and observations. In 2003 I was elected to the Massey Fellowship which he had occupied with such distinction for so long, and for a year or two I had the experience of being stopped by members of the College with the peculiarly Oxonian enquiry about succession: 'So, you're Roger?' I wish. Roger himself could not have been kinder, though it wouldn't have crossed his mind to hand down anything as pompous as sage advice. I once asked him whether he

thought an editor should modernise a text or keep it in original spelling: 'Oh well,' he said, 'I could argue that both ways.' One tip I do remember him giving me was that from time to time a student will opt to write on an author about whom you know really very little: the thing to do in those circumstances, he said, is simply to listen to the essay and thank the student for teaching you something new. At which point a slightly melancholy look crossed his face: 'Of course, you can't do that every week.' He was a man of great modesty and kindliness and he possessed an innate scholarly humility. I once told him how much I admired a recent book about Alexander Pope, about whom of course he was profoundly expert: Roger warmly agreed before adding, 'but it is very deep and I'm not sure I've got to the bottom of it.' Everything he said was graced with a wonderfully dry, self-directed humour that belied the quite unrivalled authority of his learning. His immense scholarly generosity was valued by innumerable students of the subject and his loss will be lamented by very many friends and admirers across the globe; but they will take some solace in the knowledge that his work will continue to shape our understanding of 18th-century literature for years to come.

#### A Tribute

Sir Christopher Ricks (Andrew Bradley Junior Research Fellow 1957 and Honorary Fellow)

Roger in his twenties (he and I, in our twenties, at Oxford): a heartening difficulty attends upon summoning the young Roger. For although the then-Roger proves of course distinguishable – even at this distance – from any later Roger, they could never be in any way distinct. In every respect Roger was at one. During the time he did in New Haven, he set down his sense of an evening with an old friend: I must say that he seems a rather different person from the one I remembered.' This is an authentic reluctance (I must say . . .). But no one ever said to herself or himself, of Roger, I must say that he seems a rather different person from the one I remembered. The enduring truth is most endearing: his exquisite diffidence was always the same. Few things are ever simple, but in this, as in so much else, Roger was simply lovely.

His personal being always enjoyed continuity with his professional doings, whether as a great scholar or teacher. And he was never loud-spoken or hardspoken (there is more than one opposite of *soft*).

When Alfred Tennyson welcomed into the family the man who was becoming his brother-in-law, the poet understood what it is to be 'worthy' by calling upon the word 'consistent', standing well together.

worthy; full of power; As gentle; liberal-minded, great, Consistent; wearing all that weight Of learning lightly like a flower.

- even as Roger wore lightly all his weight of learning.

Continuity, consistent, concurring, constituting his self: the preferred prepositional prefix was con-. (Never contra-.)

And preferred pronouns? we, us, and this without the tricks that we and us can get up to, nothing of the royal We or the editorial We or the schizophrenic We. Nothing of what - as long ago as 1797 - got dubbed wegotism ('an obtrusive and too frequent use of the first person plural by a speaker or writer'). Straightforward and humane: you and I, along with you and me.

From the age of 14 to 24, 1948 to 1959, Roger was a poet. His poet was Philip Larkin, as he himself put it: 'I can still remember reading "No Road" and other poems in The Less Deceived (1955) for the first time, and realising that this was exactly how I would have liked to write myself if I could. If in some ways my poems were the better for his influence, in the end my intense admiration for him would silence me as a poet (especially after my tutor F.W. Bateson, mischievously no doubt, described me to my face as "the poor man's Larkin", which was a bit cruel).'

Perfectly Roger, the temperate wording, 'a bit cruel'. The historian Frederick Foakes Jackson, of Jesus College, Cambridge, advised a newly elected young don: 'It's no use trying to be clever – we are all clever here; just try to be kind – a little kind.' Such is the right consideration.

#### Considerations

from Oxford Poetry (1958)

Considering that a season now has passed Since I deliberately grieved to lose To the night you – at last, But then too late, resolved to please In a new dress, turning slowly past The wise deploring self I chose;

Considering that I left you, walked an hour, Met friends and was at ease. I do not see Why absence need recur, And be disturbing tirelessly My later inclinations, leaving sour Each new affection granted me.

For I would not complain seven months are gone Proper to thoughts of you; but that what's over – A new dress or an old fashion Failing to please – must leave me never Considering again a season is my own Or safe with any self or lover.

And, from New Haven, the next year, 1959:

#### Song

Learn, lover, to withstand The violent imprecision Of lover turning friend: Better that love should end With sharp derision,

Than haunt old rooms to find -To pack and unpack more – What must be left behind. Avoid her eyes, and stand Impatient at the door.

Such poems, like all of Roger's works and days, make clear that a relaxed intelligence is no relaxing of intelligence. Be watchful, and strengthen the things which remain, that are ready to die.' The Book of Revelation, with then T.S. Eliot and For Lancelot Andrewes: Essays on Style and Order. 'Set in order the things which are wanting among us, and strengthen those which remain, and are ready to die.'

To set a crown upon his lifetime's effort, there appeared in 2006 Roger's incomparable edition of Samuel Johnson, The Lives of the Most Eminent English Poets; with Critical Observations on Their Works. The responsibilities of an editor, responsibilities so thoroughly realised by Roger, had been authoritatively set down by Housman: 'To read attentively, think correctly, omit no relevant consideration, and repress self-will, are not ordinary accomplishments; yet an emendator [indeed, any editor] needs much besides: just literary perception, congenial intimacy with the author, experience which must have been won by study, and mother wit which he must have brought from his mother's womb.'

There just happens to have been a further womb. Roger reported in 1963 the birth in Oxford of 'the new Ricks baby': 'while it was being born I was called in to look after the other three - David, Julia, and Laura - for two hours, with the baby being born overhead. They were the two most harrassing hours of my life!'

Dear Roger, you must not call a baby it (you must of course call it they). Meanwhile, sorry about – and for ever grateful for – the two hours, the two most harassing hours of your life, so harassing as to fret you into spelling the word with two r's.

The baby, William, is now 59, Laura 60, Julia 62, and David ('my husband', says Katy) is now 63. Roger is ageless, a dearest of old friends.

The address above was spoken at Roger Lonsdale's memorial service in Balliol Chapel on 4 June 2022 by Katy Ricks (1979), who prefaced it with the following words:

A characteristic editorial touch from Christopher was to suggest, for the order of service in your hand, 'spoken by', rather than' read by'. I speak his words in double trust - for the Ricks family, as Christopher's daughter-in-law, and for Balliol, as one of Roger's former students.

Roger told me years after the event that I had been the first woman undergraduate he interviewed. By interview he meant sit on a bench in the Quad, in summer 1978, talking about Keats. A mark of the great teacher Roger was, is that I realised only as I was thinking of these few words of introduction, that I remember exactly what he asked me about 'The Eve of St Agnes', and exactly what thoughts he elicited from his newest recruit. Roger said later, 'And do you know, I thought this is going to be rather fun.' Roger was the first Oxford don I had ever met, and my thoughts on fun rather concurred. So, I have Balliol, and because of Balliol, David Ricks, to be grateful to Roger for.

Another Ricks woman, the two-year old Julia, never too young for buttering up a dashing don, took a great shine to Roger, insisting on buttering his toast, at every opportunity.

Poems reproduced by kind permission of Nicoletta Momigliano.

# Professor Joseph Raz FBA (1939–2022)

Tutorial Fellow in Law 1972–1985, Professor of the Philosophy of Law 1985-2006, Emeritus Fellow from 2006

Timothy Endicott (Emeritus Fellow)



Fifty years ago, in 1972, Balliol appointed a new Law Fellow who would transform legal philosophy and re-animate much of moral and political philosophy. He cast light on ever-morebasic problems concerning the significance of human autonomy, the nature and potential legitimacy of authority, and the nature of reason and reasons. He did it through brilliant, creative thinking, with sensitivity and sheer perseverance.

Joseph Zaltsman was born in Haifa in 1939, while Palestine was ruled by the United Kingdom under a League of Nations mandate. He was already longing to do philosophy while still a

school student, and he went to community college lectures in philosophy. With Peter Hacker (who would, like Joseph, become a renowned Oxford philosopher) he was part of a discussion group at their school in Haifa, a group that together tackled Plato and Aristotle, Berkeley and Spinoza.

Joseph studied philosophy at the Hebrew University of Jerusalem while also completing an outstanding law degree. Having met the famous Oxford legal philosopher H.L.A. Hart in Israel (and having pointed out an error in the argument of Hart's lecture), Joseph went to University College, Oxford, to study for the DPhil in Law from 1964-1967. His thesis was published by OUP as The Concept of a Legal System (1970, 2nd ed. 1980). He returned to Israel to work as a lecturer at the Hebrew University of Jerusalem. He married Yael Rappaport, and they both took the surname 'Raz', which they invented from Rappaport and Zaltsman. They moved to Oxford with their son Noam in 1970, for Joseph to take up a Research Fellowship at Nuffield College. Joseph continued to bring up Noam in Oxford after he and Yael were divorced later in the 1970s.

Joseph taught at Balliol as a philosophy Lecturer in 1971-1972, and was appointed Fellow in Law in 1972. In a reference letter for Joseph, recommending his appointment, Hart wrote, I have not met anyone of equal power and originality as a philosopher of law or student of jurisprudence'. And yet Hart commented, by way of qualification,

When Raz first came to me his work manifested, besides its signal value, a tendency to move at a very high (though always rigorous) level of abstraction without affording his reader adequate help in the form of examples or explanatory discussion. I remember almost having to beg for the examples; and some critics, who have hailed his book as an important one, have complained of the difficulty of following him through the new territory he has opened up.

Nevertheless, Hart backed Joseph for a Fellowship in Law because he thought that his experience in teaching at Hebrew University had improved his approach, and because of Joseph's 'growing interest in less abstract aspects of legal and social phenomena'.

So Balliol hired Joseph and in just three years, while learning how to teach English law, he completed the monumental achievement of Practical Reason and Norms (1975, 2nd ed. 1990). This short, cogent book offered a new understanding of the nature of reasons and rules and, therefore, of law. The Authority of Law (1979, 2nd ed. 2009) showed his growing interest in 'less abstract aspects of legal and social phenomena', as Hart put it. At the centre of these two works – and of Joseph's jurisprudence – was a sense of the value of human autonomy which shaped his original account of the authority that institutions and individuals claim over people. Together with his doctorate, these two works of the 1970s set out a general theory of law, explaining its systematic and institutional nature, its functions, its distinctive techniques, its role in society, the importance of coercion, and much concerning its relations to morality, including the limits of its legitimacy.

Joseph's work always centred on the practical questions of what may be done and what is to be done. All through that work runs the principle of autonomy - that it is 'one's right and duty to act on one's judgment of what ought to be done'. If my self-direction is valuable, and is something that I should cherish and that others should respect, how can it be right for me to accept any person's or institution's claim to authority over me? How could the question 'what am I to do?' be answered by the mere say-so of a town council, or a court, or a parliament? Joseph thought that such authorities as these, by claiming to determine a conclusion for my practical reasoning, implicitly claim not only to give me a reason in favour of doing this or that, but also to give me a conclusive reason not to act on other considerations – considerations that would otherwise have been good and sufficient reasons for me to act or not to act. This insight, and the rational possibilities that it captures, resolve a seeming contradiction between authority and autonomy into a mere tension. But that tension brought to Joseph's writing a sustained ambivalence toward the authority of law. He was against anarchism on the ground that it is not impossible for the law's claims to be legitimate. Yet as Hart pointed out, it was Joseph's view that law necessarily claims a form of moral authority that it necessarily lacks. Its legitimacy cannot have the unlimited scope that, in his view, law claims.

Along the way, in a few pages in Practical Reason and Norms, Joseph departed radically from Hart's explanation of social rules (and, therefore, from his theory of law). Hart was a moral philosopher who thought that moral philosophy is so very difficult and so controversial that it is hard to be confident that moral propositions can be true or false; law on the other hand is a social practice that can be elucidated without moral theorising, through sensitive attention to facts as to what people do and are disposed to do in society, and as to the social meanings of those facts.

At this point, Joseph diverged from the teacher for whom he had high regard and a deep affection, and for whose instincts and attitudes he had much sympathy. Joseph never expressed in his work any doubt as to the objectivity of moral rights and duties. And he thought that if you have a legal right or duty, that means that the law purports to confer or to impose a moral right or duty, which-the law enforces through its systematic, institutionalised techniques. This approach made the theory of law a part of the general theory of practical reason, so that the question of whether the law ought to be obeyed lies at the centre of jurisprudence (whereas to Hart, it was a peripheral question, detached from his account of the concept of law). In common with natural law theory, Joseph believed that the normativity of law and morality are one (since the law claims to impose moral duties), and that There are inherent connections between legal concepts and moral concepts, and between law and morality.' Yet Joseph also thought, contrary to natural law theory, that it is an open question whether law actually has, in any situation, the moral authority that it always claims for itself.

As Joseph was preparing the manuscript for *The Authority of Law* in 1978, he met a new librarian and scholar of Aristophanes at Balliol, Penelope Bulloch (Emeritus Fellow). They agreed that she would help him with the editing, and they never looked back. Their partnership is reflected in the fact that in each of Joseph's later books, to the end of his life, Penny is thanked at particular points or in the introduction. In his doctoral work, Joseph was already able to use the English language with precision, to telling effect. And he was always doing something so difficult that the prose was never going to be easy reading. But Joseph had to communicate successfully, and he did that very much better with Penny's help. Communicating effectively meant being pushed further to unpack and to clarify his ideas, and to express them in more carefully chosen words, and with greater generosity to the reader. You can experience the results for yourself if you read The Concept of a Legal System, and then compare it with anything that Joseph wrote after 1978. Jurisprudence owes Penny a great debt.

While developing his theory of law, Joseph was writing the series of striking essays in political philosophy that would come together in The Morality of Freedom (1986). The book develops an original theory of legitimate state action by unpacking and articulating the understanding of human autonomy that Joseph had been working to elucidate since the 1970s. That is an instance of the practice Joseph established, of going back and forth over areas that he had traversed before, making dramatic progress by revisiting problems and refining his approach to them. The Morality of Freedom completed his account of authority by arguing that in the right conditions, I can advance my own autonomy by obeying an authority: if I will do better at acting on the reasons that apply to me by doing so, then authority isn't merely reconcilable with my autonomy; it provides me with a service that I can use in living a life that is genuinely my own. This service conception of authority came together with a provocative claim about autonomy itself: that its value depends on the value of the options that a person may choose to pursue. Indeed, that is why an authority can provide a service: in many settings it operates to enlarge and to enrich the options before me, making my life better partly by virtue of the very demands it makes on me.

That approach to autonomy had profound implications for political theory. It may seem obviously true that, as Joseph argued in The Morality of Freedom, the state ought to promote the good of persons. But the idea ran against the tide of Western liberal political theory. The tide was embodied in John Rawls' famous argument that the state ought to act on principles of justice that can be identified without ever judging what is good or bad. Joseph, who had met Rawls in Oxford, found this argument, and the theory it gave rise to, deeply implausible, and he avoided discussing it for some years, until its wild popularity made discussion necessary. His response was that the state ought to promote human autonomy, the value of which inescapably depends on the value of the choices available to the individual. It follows that the state needs to act on the basis of judgments as to what alternatives are valuable for individuals.

Ironically, given his stature in the field today, Joseph did not on the whole feel well qualified for political philosophy. He had the expertise in law that he needed for legal philosophy, but he thought that in political philosophy more generally, real progress called for expertise in economics and social studies. That was not his expertise, and his solution was to work at a level of abstraction that was designed to show how and why sound political judgment demands expertise in economics and intelligent understanding of social needs and social goods. And along the way, in The Morality of Freedom, he wrote deeply original work of enduring importance on the plurality and incommensurability of values, and he argued against equality as a requirement of political justice, just at a time when equality seemed to many to be the ultimate political ideal and 'the definitive belief of political liberalism'.

As Joseph was completing *The Morality of Freedom*, the University took notice of his achievement by using its rarely invoked ad hominem process for making a college tutor into a University Professor. Joseph's pattern of work changed with his role, so that from that time on virtually all of his teaching involved presenting his newest thoughts in graduate seminars. He was still teaching jurisprudence, and the work collected in Ethics in the Public Domain (1994) brought fresh understanding to jurisprudential problems that he had addressed earlier in his career (the obligation to obey the law, the theory of authority, the rule of law), as well as pursuing the implications of his political philosophy for freedom of speech, national self-determination, multiculturalism, and the theory of democracy. While he was writing Ethics in the Public Domain, Joseph began visiting Columbia University during Michaelmas Term, participating in Ronald Dworkin's and Thomas Nagel's autumn seminars at New York University, and making Columbia an exciting and challenging philosophical destination for students, and for visitors to Joseph's own seminars there. In 2002 he became a member of the Columbia Law School faculty.

In the 1990s Joseph went more deeply into problems in the general philosophy of reason and value. As he traversed and re-traversed the terrain of human reason, his work was liable to become less abstract at some points and more abstract at others, as he moved on from his account of the relation between human autonomy and value to address relations between reason and value, and the nature of normativity in general.

Joseph outlined this work on normativity in Engaging Reason (2000), the demanding themes of which he developed somewhat more accessibly in his Seeley Lectures at Cambridge (Value, Respect and Attachment, 2001) and his Tanner Lectures at Berkeley (The Practice of Value, 2003). In all those explorations, he offered what has proved to be a delicate and persuasive reconciliation of the universality of value with its diversity and its dependence on social practices. Fundamental moral values are universal values in the abstract. but our access to them, and the ways in which they are available to us, depend on social phenomena and on their history and on our experience of them. The depths and complexities of this work on normativity engaged Joseph further in his last two books: From Normativity to Responsibility (2011), and The Roots of Normativity (edited with an introduction by Ulrike Heuer, 2022). These are studies in the foundations of morality and of practical reason in general. Yet they are even



Joseph Raz, self-portrait.

more basic than practical reason, because there are norms not only for action and intention (and therefore, for practical reasoning) but also for belief, for emotions, and for attitudes. Normativity is a property of anything that makes an action or intention, or belief, or emotion, or attitude, appropriate or required. If a rule is to be followed, it is normative; if an authority is to be obeyed, it is normative; if a stranger's statement that it has just turned 5.00pm is to be believed, it is normative. Joseph explained it all in terms of reasons, and gave a distinctive account of practical reasons as based on values. That approach confronted him with a complex agenda, to explain relations between reasons and value. But very often, reasons do not demand actions or intentions or emotions or beliefs, but only make them appropriate or optional. So Joseph was careful not to overrate the extent to which our rational capacities ought to shape our lives.

It might seem that Joseph was leaving the study of law to become a philosopher of reason. But his work in philosophy of law was crucial and formative for his approach to philosophy in general, and he would keep revisiting it. The law gave him a profoundly useful context for thinking about autonomy, and value, and reasons. His most abstract work had its origins in his work on the theory of law. In the 2000s he saw himself as doing 'practical philosophy: legal, political, and moral'. He made some of his most important contributions to legal studies in Between Authority and Interpretation (2009), one of the two most sustained reflections on interpretation in the entire history of legal philosophy. The other, of course, is Ronald Dworkin's Law's Empire (1986), which presents law itself as an 'interpretive practice', and argues that law is not made by the exercise of legal authority, but rather is the set of moral principles that would be identified by the best constructive interpretation of the legal practices of the community. Joseph, in sharp contrast, offered an account of interpretation that was informed by his theory of authority. Interpretation is an explanation or display of the meaning of an object the relevant objects, in the case of law, being acts undertaken in the exercise of law-making power (by law makers, and persons exercising private legal powers to make wills, etc.). Understood in that way, interpretation can be necessary for working out the legal effect of an exercise of legal power such as the enactment of a statute. And interpretation, when carried out with legal authority, involves a creativity that is itself law-making.

Joseph had a fearsome reputation for his contributions to seminar discussions, and for his critical reading of his students' work. He did his students the great honour of treating them just as he treated Professor Dworkin, focusing acutely on the problem at hand and saying precisely what he thought the problem called for. Whether the discussion was with a student or a colleague, Joseph's interest was never in any contest between minds but in the problems, and in the understanding that proper consideration of them might yield. His seminars with John Finnis in Oxford in the 1990s were brilliant events, partly because of the new work that one or the other would present each week, and partly because either of them might break new ground on the spur of the moment, as each of them said what they thought, in their most rigorous and considered view, in the course of the discussion that arose out of a presentation. But the students would have been disappointed had they expected any kind of a celebrity wrestling match, of legal positivist vs natural law theorist, liberal vs conservative, as they might have seen it. Both Joseph and Professor Finnis were concerned only with the problems, never with the blood sport aspect of academic jurisprudence.

And even at the acme of abstraction, the problems that captivated Joseph always concerned the actuality of living a life. As Ulrike Heuer wrote in her introduction to The Roots of Normativity (2022), 'Raz tries to stay at all times close to the phenomena as we know them.' As Joseph himself once put it at a conference, 'As legal philosophers our task is to perceive things with as

much sensitivity and acuteness as we can and then to construct conceptual frameworks to illuminate those phenomena.'

Many of Joseph's friends were philosophers (quite a few of them former doctoral supervisees who might not have predicted that they would become personal friends); these friends and Joseph himself tended to keep company in art galleries, or films, or walking across London or New York, all the while (though not in the films) talking about art or Formula One racing or reality TV or theatre, and above all, about people. Joseph's dedication to photography - both an art to him and a fascinating technology - shows something of his character that I wish I could put into words, involving a longing for clarity and structure, a familiarity with disorder, and a readiness to be surprised by light. Perhaps he put some of those habits of mind and emotion into words in his writing.

I haven't gone into his pathfinding contributions on the morality of promising, on intention, on whether there is a moral obligation to obey the law, on the possibility of change in moral principles, on the nature of rights and of duties, on group rights, on aggregation and maximization . . . But in order to tell you about Joseph I have chosen to focus on his books, because Joseph the person is there to be heard, for those who knew his voice or want to know it. Those who open his books in the future have a great opportunity: they can take on the challenge of what Hart called, 50 years ago, 'following him through the new territory he has opened up'.

I am very grateful for help and advice from Penelope Bulloch, Noam Raz, and Paul Davies, and I benefited greatly from Tim Macklem's helpful reading of a draft.

# Dr Piers Nye (1946–2021)

## Fellow and Tutor in Physiological Sciences 1991–2011 and Emeritus Fellow from 2011

Robin Choudhury (1986 and Professor of Cardiovascular Medicine and Senior Research Fellow in Biomedical Sciences)

#### Athar Yawar (1994)

Piers Nye was Tutorial Fellow in Physiological Sciences at Balliol from 1991 to 2011 and an Emeritus Fellow until his death in December 2021, having earlier been College Lecturer in Physiology at Balliol (1984 to 1987), a Wellcome Trust Senior Lecturer (1984 to 1991), and then a University Lecturer in Physiology. Piers was the University's course Director for Physiology from 1998 to 2011. He continued his teaching beyond his retirement in 2011 to lecture in physiology to Human Sciences students. He remained devoted to his students, writing his final reference, and marking his last essay, a few weeks before his death. He was instrumental in backing the newly established Balliol Medical Society (founded 1992) and was a loyal and typically enthusiastic Senior Member.

Piers was born in Perth, Scotland. His father was an insurance executive with a passion for the theatre. After Piers's mother died when he was 14, he was brought up in Aldeburgh by Janet, one of his three older sisters, and her husband Ian Tait, both general practitioners. Hoping 'to feed the world', he came to Pembroke College, Oxford, to read agriculture in 1965. He was sent by his tutor to spend one summer vacation in Swaziland, during its transition to independence. He spent his time taking soil samples, and having experiences which gave him a lifetime's supply of stories.

In 1969, after hitch-hiking across the States, he ended up on the West Coast, and signed up at the University of California, Davis, where he studied under the eminent avian physiologist Ray Burger. There, he also kept goats, milking them into wine bottles so that they didn't step in the bucket or get their hair in the milk. In 1977, he completed his doctorate and was awarded the Loren D. Carlson Prize in Physiology, for the student with the most promise of excellence in teaching and research. On his return to England later that year, Piers was hitch-hiking to a job interview in Bristol when, during a stopover in Oxford, he was persuaded to apply for a job there. Oxford became his home for more than forty years.

Piers Nye, 2012.



Piers was a respiratory physiologist. In Oxford from 1977, his work was funded by the Medical Research Council, and later (from 1983) by the Wellcome Trust. He worked on the regulation of breathing, and of blood flow through the lungs. He was particularly well known, and respected, for his work on the carotid body, a small organ in the neck that, in Piers's phrase, 'tastes arterial blood' - sending nerve signals to the brainstem that in turn influence the pattern of breathing. He played an important role on the international stage in our understanding of the physiology of the arterial chemoreceptors (1984-1989), before switching his interest to pulmonary hypoxic vasoconstriction. Piers served on the editorial board of Respiratory Physiology for over twenty years and convened sessions on respiration for the Physiology Society.

For those of us who remember Piers as a tutor and scientist (as we both do), it is impossible to think of him without also bringing to mind his laboratory. He joked that it was full of his homemade equipment, held together with 'chewing gum and bits of string'. One extraordinary device, looking like a cross between a seesaw and a siege catapult, was his 'ducking stool': perfectly calibrated apparatus for testing the diving reflex, in which a person's heart rate slows under water. Overspilling with books and papers and all manner of clicking machines and dials, Piers's rooms in the University Laboratory of Physiology (ULP) gave colour to undergraduate tutorials in the presence of an authentic man of science.

He brought to his teaching, and his science, the same clarity and transparency he brought to everyday interactions. Rather than getting lost in technicalities, he invited students to link academic physiology to simple, accessible questions: how can we tell, from the sound of its siren, where an ambulance is? How do people manage to thrive where the air is thin? He

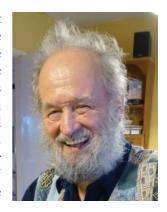
could turn knotty conundrums - sometimes several weeks of lectures - into elegant graphs and equations. He was fond of saying, tongue only partly in cheek, that the first term of preclinical medicine could be reduced to the Nernst Equation, and the second term to the oxyhaemoglobin dissociation curve (and, at a push, Ohm's Law). He ran several undergraduate practical classes, including a mammalian physiology course from 1977 to 2001, as well as BM, Physiology and Human Sciences practical classes on the ECG, blood pressure and heart sounds, plethysmography and the conduction velocity of the ulnar nerve. Piers's contributions were recognised by Oxford's Medical Sciences Division with a Teaching Excellence Award in 2007, and a Teaching Excellence Lifetime Achievement Award in 2015 for his 'high quality and sustained commitment to education demonstrated throughout his career'.

Piers never behaved as though he were the smartest person in the room, but he knew a great deal about a wide range of things, and was terribly good at quite a few of them. His photography was used on Balliol College greetings cards; he acted in Shakespeare plays in California; he won an OxTALENT award for his computer software; he was an avid campaigner on human rights issues, notably with Amnesty International and the Prison Reform Trust. He was a member of the British Humanist Association.

He did not hold himself to be wise, but was profoundly reflective, widely sympathetic, and suffused with a sense of wonder. Piers mentored a wide range of biological scientists and his pastoral duties at Balliol were substantial. For decades, he organised and spoke at events designed to broaden access to Oxford, encouraging women, people from minority and working-class backgrounds, and those with disabilities to apply. Throughout his time in Oxford, Piers actively promoted access to the University by state school candidates, especially those from schools with little or no history of applying to Oxbridge, speaking at official Oxford University access events. In recent years, Piers remained a champion of his former students' achievements - for the Department of Physiology, Anatomy and Genetics' campaign marking the 2020-2021 centenary of women's full membership of Oxford University, Women in Physiology, Anatomy and Genetics', he contributed by far the most nominations to highlight the successes of the diverse women he has taught over the years.

But, although his students have achieved much, and in very diverse fields, Piers was never merely concerned with achievement. He was genuinely interested in people; in understanding individuals, identifying their aspirations and potential, and in trying to see beyond external expectation. He went out of

his way to nurture his students. On occasion, that might even entail a change of direction or course of study. Piers listened, and he was attentive. He also contributed much to the cohesion of the student body, whether that meant boisterous trips with current students to his favourite Al-Shami restaurant in Jericho, or through more formal channels in the College and the Medical Society. He could be gently indiscreet - recalling over finalists' dinners (with mischievous crinkling of his eyes that marked the incipient smile) some flawed answer to an interview question six years back; but he always intended to celebrate and elevate, and never to belittle. Neither of us can recall Piers saying anything unkind; but we can



Piers Nye, 2016. Photograph by Rosie Nye.

recall the occasional dry remark to puncture pomposity. He supported his students when they were flourishing, but even more when they were sick, or struggling, or lost. He belonged to the precious set of Oxford dons who are regarded with not only warmth and respect but also genuine affection.

Piers met Rosie Painter when she was doing research into breathing at the ULP and they married in Balliol Chapel in 2003. Since his research was primarily about the carotid body, an organ that detects oxygen levels and is crucial to the control of breathing, it was a bitter irony that Piers should develop pulmonary fibrosis. He told almost no one, and continued tutoring and examining online through the pandemic. Some of his students organised a wonderful tea party for him in Balliol Fellows' Garden in August 2021 to celebrate 30 years of teaching, and many continued to visit him at home afterwards. Piers is survived by Rosie; four children - Oscar and Lisa (from his first marriage to Mimi Maeda), and Hamish and Henry; and his granddaughters, Ruby and Maya. Piers is also survived by two sisters, Janet and Harriet, and by countless students and junior colleagues for whom he is irreplaceable.

# Professor Godfrey Fowler OBE (1931–2022)

College Doctor 1974–1991; Professorial Fellow, Balliol, and Clinical Reader in General Practice, Oxford University, 1978–1997; Emeritus Fellow from 1997

Martin Burton (Professor of Otolaryngology, Director of Cochrane UK and Research Fellow in Clinical Medicine)



Godfrey Fowler was one of Balliol's towering medical figures. We met regularly from the time I first arrived at Balliol as a Lecturer and the meetings were a delight. He was kind and generous, and always interested in what the medical students and his medical colleagues were doing. In 2015 a group of students were mesmerised by the tales he told as he and I held a 'conversazione' at a Medical Society meeting in the Master's Drawing Room, discussing his life. It was a very special occasion with wonderful stories about his time as a student and then a practitioner. He was a general practitioner of the old school, the likes

of which we shall never see again.

Whilst I was flattered to be asked to write something about him for this publication, I also knew that I could never do his life justice, having known him only latterly. John Jones knew him very considerably longer, and delivered a moving address at his funeral. This we offer to you now in fond remembrance of a great medical colleague.

#### Funeral address

John Jones (1961 and Emeritus Fellow)

Godfrey Fowler was a dear friend for more than 50 years, as my own doctor, as Balliol's doctor, as a Fellow of Balliol, and as an Emeritus Fellow.

He was born in 1931, in the rural Worcestershire village of Wolverley. His parents were not at all well off, and he was a scholarship boy at Sebright, a local minor public school. He showed his strength of character there by refusing to join the school's Army Cadets on conscientious grounds. The headmaster was cross, and told him that whenever the cadets were exercising he was to work on something demanding in the school library. He chose Gibbon's The History of the Decline and Fall of the Roman Empire.

There was no Oxbridge tradition at Sebright, but the chemistry master urged him to aim high and enter the Oxford Scholarship Exam despite the headmaster's discouragement. He was surprised to be awarded an Exhibition by University College, but he must have stood out because he had contrived to demonstrate thorough knowledge of Gibbon in a General Paper essay. When he arrived in Oxford in 1950 he felt out of place because he thought his contemporaries were from 'posh schools', which was true, and were cleverer than him, which was not. But he soon entered into the swing of things, which in his case involved joining the Alpine Club and Oxford roof-climbing at night. Imagine him on top of the Radcliffe Camera.

After graduating as a BA and BM, he spent five years in London completing his medical training and gaining experience. There was an expectation that he would specialise in paediatrics, but he had long decided that he wanted to be a GP. In 1959 he joined Dr Alan Richards in his Oxford practice as an assistant, on a trial basis. Godfrey was associated with the practice, which is now located at 19 Beaumont Street, for the rest of his life as partner, senior partner, honorary partner and finally as a patient.

Lord Florey, the Provost of The Queen's College, who was a practice patient, happened to need treatment when Richards was away and so became Godfrey's responsibility by chance. Florey took to him and appointed him College Doctor to Queen's in early 1966 – a very controversial appointment, because in the sixties College Doctors were usually elderly senior partners in local practices. In an uncharacteristically cynical moment Godfrey said in 2014 that then 'most College Doctors were more interested in having dining rights in the colleges than looking after students'.

Godfrey was also effectively Balliol's College Doctor from the mid-sixties, although the appointment was not made official until Alan Richards retired in 1974. Over the years Godfrey became College Doctor to many other colleges, including St John's and Univ, his undergraduate college, for which he had lifelong affection.

In those days student health provision in Oxford, which was entirely organised by the colleges, was patchy and generally inadequate. Along with what he called a 'gang of students', Godfrey campaigned for the creation of a central medical centre and gathered supporting information by visiting several major universities, including Harvard, to study their arrangements. Lord Bulloch, the Vice Chancellor, called him in to discuss the proposal,

and became a strong ally, but it came to nothing, because it was resisted by the colleges. It did, however, stimulate them to do better, for example by improving arrangements for College Nurses. And it was agreed that there was a need for central provision for student mental health, because of concern at the number of student suicides. As a direct result the University Student Counselling Service was set up in 1972. It is now an important central support system with a dozen full-time professional counsellors and is used by around 3,000 students every year.

Godfrey was quietly proud of that result of his campaigning. But he was much more than a reforming College Doctor. He was also working as a traditional GP doing home visits, looking after families (including my own), delivering babies and developing close relationships with the patients on his list. Looking back in 2014 he said that he had found this the most satisfying part of his life's work.

By the early seventies he was well known as a leading GP. Sir Richard Doll, the Regius Professor of Medicine, asked him to help make a case for a University appointment in General Practice, and gave him the daunting task of presenting the case in person to the Clinical Medicine Board. When he stood up to speak, an academic snob on the Board said, 'Come on, Godfrey, we all know you are a good GP, but don't try to persuade us that there is anything academic about general practice.' Nevertheless the University created the halftime post of Clinical Reader in General Practice. It had to be half-time so that the incumbent could have the credibility of being in actual practice. When the post was advertised it attracted many applications, but Godfrey was happily settled as senior partner at 19 Beaumont Street, and did not apply until Doll pressed him to do so. He was appointed and took up the post in 1978. There was no automatic college attachment, but the new Reader was entitled to be taken in by a college somewhere, and we moved swiftly to secure him for Balliol.

As Reader at first he was mostly engaged with teaching and organising a programme of placements for medical students, who were spread over around 70 general practices in Oxfordshire. But he soon established a small research group which grew, and during the next 20 years he published widely on general practice and preventative medicine. His work on helping smokers to stop smoking with nicotine replacements is especially notable. He also served on many influential national health committees. His 1989 OBE, 'for services to medicine', was well deserved and the citation understated.

What he set up as Reader in 1978 has evolved by degrees into the Nuffield Department of Primary Health Care Sciences, which is the UK's top-ranked and largest centre for academic primary health care, with over 500 staff and students, nearly 10,000 publications to its credit and 200 associated general practices.

The University responded to the success of Godfrey's work by making his post full-time in 1991, and recognised his distinction in 1996 by conferring the title of Professor on him. A brief but nice and informative obituary by Jake Piper which appeared in the Guardian on 21 April 2022 gives some details of Godfrey's life and achievements which complement what I have said and has a good photograph.

Godfrey met Sissel Vidnes in Oxford and married her in Oslo in September 1962. They were blessed with a happy family life, and Godfrey was proud of their sons Jeremy and Adrian, and Jeremy's son Matthew. But in 1995 they had the desperate sadness of losing Adrian following an accident at Oxford station.

Norway became very much part of Godfrey's life. Sissel's parents had a skiing hut near Oslo which Godfrey and Sissel used most Easters for a week or so, skiing every day. The photograph reproduced here was taken by Oslofjord. Later they bought a flat with a view of the fjord and they went there several times a year after Godfrey retired in 1997, often taking Matthew with them. Between these frequent visits to Norway Godfrey participated actively in Balliol life as an Emeritus Fellow and enjoyed the excursions of the walking group which he founded with his friend Sir Roger Bannister and others.

In the last couple of years his mobility and short-term memory declined, but when I visited him ten days before he died he chatted cheerfully about old times, and he gave me a firm handshake after walking me to the door.

He told me more than once how profoundly grateful he was to Sissel for her care in his old age. He was a kind, patient, modest man of principle who had a productive valuable life. We must all give thanks for that and be grateful that in the end he did not linger.

The funeral service was held in Balliol Chapel, 25 April 2022, conducted by Revd Canon Bruce Kinsey (Chaplain) and Revd Professor Judith Brown (Emeritus Fellow).

# Dr Alastair Howatson (1928–2022)

## Fellow and Tutor in Engineering Science 1965–1995 and Emeritus Fellow from 1995

Paul Buckley (Emeritus Fellow)

Alastair's arrival at Balliol as Tutor in Engineering Science in 1965 rescued the College from an unexpected problem. Perhaps I should explain. Balliol was one of the first Oxford colleges to establish a Tutorial Fellowship in Engineering Science (there were none prior to 1958). The first holder of the post was Les Woods, who had started in early 1961, coming from the University of New South Wales in Sydney, where he already had the position of Professor. However, the University role to which Les came as the other side of his Oxford joint appointment was that of 'Demonstrator' (equivalent to what we now know as 'University Lecturer'). Les had quickly become frustrated at the lack of promotion opportunities in the Department of Engineering Science, and in 1964 had jumped ship to the Mathematical Institute, where he became Reader in Applied Mathematics (and in 1970 Professor of Mathematics). Les's account of this saga can be found elsewhere. It posed a problem for Balliol. Although Les continued with Balliol tutorial teaching in engineering until 1970, the removal of the College's direct link with the University's engineering department was clearly unfortunate. In response, College resolved to recruit another Tutor in Engineering Science who would also be a University Lecturer in Engineering Science, and it was to this post that Alastair was appointed in 1965. Although not reached by quite the route College had intended, this was a good outcome. In Alastair the College had found an excellent tutor, who would serve Balliol and many cohorts of Balliol engineering undergraduates with dedication, ability, and above all kindness for the next 30 years.

Alastair was not a great sharer of details of his family life. But true to another feature of his character, he thoughtfully provided information on his early years, specifically for including in his funeral's Order of Service. From this we learn that his father was a joiner and he came from a line of craftsmen - blacksmiths, millwrights and stonemasons; all jobs involving designing things and making them: the very stuff of engineering. So perhaps it is no surprise that Alastair was inspired to pursue a career in engineering. He was of the generation that spent many of their school years during wartime, in his case attending school in the village of Lasswade, just south of Edinburgh. It was as the war ended in 1945 that he went to Edinburgh University to study Electrical Engineering.

The next step was typical among engineering graduates of those days. Alastair went from university to a two-year graduate apprenticeship in industry, to obtain practical experience that was then lacking from university engineering courses. He joined the well-known firm Metropolitan-Vickers in Manchester, and continued there for a further two years designing hydroelectric generators. He clearly enjoyed it: he described it as 'an extremely stimulating environment'. At the time, the subject of electronics was taking off, and in 1952 Alastair returned to Edinburgh University for a one-year course on that subject, during which he clearly impressed the staff,



Alastair Howatson while relaxing in the quad with students after Finals in 1979. Photograph by Gary Calder (1976).

because he was invited to stay on and complete a PhD. His research was on the engineering of A.C. circuit-breakers: vital components of many electrical devices. With the PhD under his belt, he spent a year as postdoctoral researcher at Purdue University in Indiana in the USA, and then two years as a Research Fellow at Cambridge University, where he pursued further the subject of his PhD research. A great bonus of the Cambridge years was his meeting Margaret, a Girton classicist, and they married in 1959.

There followed four years at Sheffield University as Lecturer in Electrical Engineering, before Alastair moved to Oxford, to a University Lectureship in Engineering Science in 1963. At that stage he had no formal college attachment. The University's Department of Engineering Science was in the throes of a rapid expansion, with several new academic staff arriving. Colleagues from those days speak of how Alastair brought to the department much valued expertise in, and practical experience of, designing electrical machines.

Having added to his University Lectureship the post of Tutor in Engineering Science at Balliol in 1965, Alastair was soon busy contributing to College life in other ways too. In particular he helped establish the new Balliol-St Anne's Graduate Institution, where Balliol (a men-only college in those days) collaborated with St Anne's (then still a women-only college) to provide accommodation and a social centre for graduate students from both colleges, in Holywell Manor and the Martin Building opposite, across St Cross Road. The new institution opened in 1967, under the Praefectus-ship of Russell Meiggs (Fellow 1939-1969 and Honorary Fellow 1970-1989). When he retired in 1969, Alastair took over as Praefectus for the next two years. This meant the Howatson family residing in the Praefectus' house within Holywell Manor, and hence living at close quarters with the other residents. St Anne's then Tutor for Graduates, Judith Hart, who had a small room in Holywell Manor overlooking the garden, later recalled hearing the three Howatson children playing in the garden, commenting that their presence helped provide a beneficial 'element of family atmosphere'. The Praefectus role in those days was not without challenges, some of which Alastair later recalled in the history of Holywell Manor compiled by Oswyn Murray (Emeritus Fellow). Margaret<sup>3</sup> mentioned another to me recently – students from the USA, about whom US authorities would want to know: were they dodging the draft? It was the era of the Vietnam war. Nevertheless, I am sure Alastair enjoyed this spell of relating closely with students and building a new mixed community for graduates. He always seemed to feel at home when surrounded by students, and former students. He was a regular attender at Gaudies, and never missed the annual dinner in College for present and former Lubbock Scholars (holders of the College's senior scholarship in Engineering).

In the 1970s and 1980s student numbers were growing and Alastair acquired help in tutoring the engineering students, with College's appointment of a second Fellow and Tutor in Engineering Science: John Bridgwater in 1973 and then, when he left, Peter Whalley in 1980. However, Alastair was also by then also taking on other big commitments within College. He served as Tutor for Admissions from 1981 to 1984, and then took on the role of Vice-Master and chairman of Executive Committee from 1987 to 1990. He thereby oversaw the transition to a new Master, when Anthony Kenny retired in 1989 and Baruch Blumberg took over. This role must have suited Alastair well, benefiting as it did from his natural abilities, both to nurture friendly relations with the student representatives on Executive Committee and to manage diplomatically the differing views among Fellows. Alastair returned to the role for his last year before retirement, 1994–1995.

It was during his last few years before retirement that I arrived as Balliol's third Tutor in Engineering Science in 1990. New to the College, I benefited greatly from Alastair's patience, his self-deprecating sense of humour and the generosity with which he showed me the ropes, guiding me through Balliol's ways of doing things.

Alongside his many contributions to College, of course, Alastair was also busy in the Department of Engineering Science, teaching Electrical Engineering and pursuing his research. I was myself an Oxford engineering undergraduate in the 1960s. I recall vividly attending lectures by the Scotsman with the long fringe falling over his forehead, explaining the basics of electricity and electronics (my least favourite branch of the subject) in such an engaging manner and with such lucidity that even I could follow. Alastair was also a natural communicator on paper. He certainly loved writing. In 1969 he published his first undergraduate textbook,4 which provides clear, broad, coverage of the aspects of electricity of interest to engineers at the time. Much later, just after retiring, he published a second undergraduate textbook,<sup>5</sup> on electric circuits and their applications, which I am told is still popular with students.

Another example of Alastair's interest in, and sensitivity to, the needs of students was his collaboration with two department colleagues (Peter Lund and Joe Todd) to bring together in one volume a wide collection of assorted information useful for engineers, especially student engineers, titled Engineering Tables and Data but familiar to Oxford engineers as simply HLT. Since its original publication in 1972,6 it has been taken over by the department and revised editions have been produced, with contributions from several other members of staff. It has proved invaluable to students and staff. Of all the books acquired by Oxford engineering students over the last 50 years, I am guessing HLT is the one most likely to be still on their shelves.

Alastair's research interest was the interactions between electricity and gases, and their management in electrical devices. Normally, gases act effectively as electrical insulators. However, very high gradients of voltage applied to a gas can strip electrons off the gas atoms, producing a mix of positively charged particles (atoms missing some electrons) and negatively charged particles (free electrons). The result is called a 'plasma' and the voltage then produces a very high current flow and dramatically high energy dissipation in the gas. Momentarily this can heat the gas to several thousand degrees C, to the point where strong light is emitted, as in a lightning strike or, on a smaller scale, in a spark in the gap between two wires. This is called an electrical discharge in the gas. Alastair made notable contributions to the study of this phenomenon and its management, resulting in a string of journal papers. The work also led to Alastair's first book, begun during his time in Sheffield and followed by a second edition later during his Oxford days.

Alastair made another lasting contribution to the Department of Engineering Science. He played a pivotal role in helping to build its self-identity, by becoming its de facto in-house historian. Alastair became fascinated by the history of how engineering had developed within the University, and he researched it and communicated his findings to the Oxford engineering community. Compared to other universities, Oxford was relatively late in including engineering within its repertoire of academic subjects. It was not until 1908 that the University began to do so formally, with the establishment of a Chair in Engineering Science: a post held by Charles Frewen Jenkin. However, Alastair told us of much earlier activities in Oxford that we would badge these days as 'engineering'. He even discovered that the subject was being taught from 1886, in the

Alastair Howatson holding a piece of 'cake' produced in plastic by a student, using the new process of 3D-printing, after a dinner in Balliol in 2018 celebrating his 90th birthday. Photograph by Andrew Craig (1971).



Millard Laboratory set up for this purpose by Trinity College at their entrance off St Giles, right next door to Balliol

In the 1980s the department formed an alumni society: the Society of Oxford University Engineers. Its first step was to establish an annual lecture to which alumni would be invited: the Jenkin Lecture, which is still going strong and is now part of the University's Meeting Minds alumni weekend. In 1988 Alastair gave the inaugural Jenkin Lecture, titled Century of Oxford Engineering'. continued researching the topic after

retirement and when, in 2008, the department celebrated the centenary of the establishment of Jenkin's Chair with, among other things, a series of lectures by members of staff, Alastair contributed a talk on 'History of the Department of Engineering Science' and also produced a fascinating book on the subject.8

Another contribution that Alastair continued to make after retirement was supporting the Maurice Lubbock Memorial Fund: the major fund established by the Lubbock family in 1957, to help promote the subjects of Engineering and Management in Balliol and the wider university. While a Tutorial Fellow, Alastair had served for many years as secretary to the fund's trustees. On retiring in 1995 he handed on this baton to me but became a trustee himself, continuing to offer greatly valued words of wisdom in this capacity until he retired from that role in 2012.

To those of us who knew him, Alastair seemed to be one of those people who would remain sprightly and alert for ever. Long after retiring he would walk from his home on the Woodstock Road, or travel into Oxford by bus from his cottage in the countryside, to enjoy a College dinner and conversation with colleagues. But eventually he fell ill, and he died on 18 June 2022. I hope it will be clear from the above what a debt of gratitude is owed to Alastair by Balliol and the University, for his contributions over many years.

<sup>&</sup>lt;sup>1</sup> Against the Tide by L.C. Woods, Institute of Physics, 2000.

<sup>&</sup>lt;sup>2</sup> Holywell Manor: An Anecdotal History, compiled by O. Murray, 2007.

<sup>&</sup>lt;sup>3</sup> Margaret Howatson became Fellow and Tutor in Classics at St Anne's College from 1967, retiring in 1997. She is now Emeritus Fellow of St Anne's.

<sup>&</sup>lt;sup>4</sup> Principles of Applied Electricity by A.M. Howatson, Chapman and Hall, 1969.

<sup>&</sup>lt;sup>5</sup> Electrical Circuits and Systems by A.M. Howatson, Oxford University Press, 1996.

<sup>&</sup>lt;sup>6</sup> Engineering Tables and Data by A.M. Howatson, P.G. Lund and J.D. Todd, Chapman and Hall, 1972.

<sup>&</sup>lt;sup>7</sup> An Introduction to Gas Discharges by A.M. Howatson, Pergamon Press, 1st edition 1965, 2nd edition 1976.

<sup>&</sup>lt;sup>8</sup> Mechanicks in the Universitie by A.M. Howatson, Department of Engineering Science, University of Oxford, 2008.

#### Old Member obituaries

# Dr Bruce Fairgray Harris AM (1946)

Dr Jonathan Harris (son)



Bruce Fairgray Harris, 2016, in his capacity as a NZ WWII Veteran Captain (Rtd), wearing a karowai, a traditional Maori cloak made for war veterans for ceremonial occasions. Photography by Teowai and Gareth Ratahi.

Born in 1921, Bruce grew up in rural New Zealand, attended Auckland Grammar School and completed his BA at the University of New Zealand in 1941 as New Zealand's Top Scholar in Latin and Greek.

After war service in the New Zealand Army, Bruce was awarded a Rhodes Scholarship to study 'Greats' at Balliol, where he was proud to have been tutored by Russell Meiggs (Fellow 1939–1970 and Honorary Fellow 1970-1989). He played hockey for Balliol and was Club Secretary. Four years on the Oxford Christian Union (OICCU) Executive introduced him to many in the worldwide evangelical student movement (IVF) who became lifelong friends. Another lifelong friendship was with his fellow New Zealand Rhodes Scholar (at Christ Church), George Cawkwell, who became Fellow and Praelector in Ancient History at University College, Oxford. Bruce also reminisced about the many occasions he heard C.S. Lewis speak.

Bruce became Classics Senior Lecturer and Associate Professor at University of Auckland,

1950-1969. At the same time he undertook a London Bachelor of Divinity and New Zealand's first PhD in Classical Studies. In 1970 he moved to Sydney where he helped Professor Edwin Judge build the emerging field of Ancient History at Macquarie University, establishing (with Dr Alanna Nobbs) a ground-breaking Research Project in Early Christian Papyri. His other research and teaching interests extended across the early Roman empire (he was a world authority on Dio Chrysostom of Prusa and the Roman Province of Bithynia), numismatics (he founded the collection at Macquarie), the New Testament, the history of classical thought, and the place of history and philosophy in human culture. Across his career Bruce supported secondary and tertiary education: he was Chairman of the Auckland Grammar Schools (1960s),

founding Chair and President of the Society for Study of Early Christianity at Macquarie, on the Sydney Anglican Diocese's executive Standing Committee (1976–1991) and Chairman of the Diocese's Education Commission.

Bruce was known for his gentle and humble character, sharp intellect, integrity, peaceableness, and remarkable memory. Married to Pamela Mary for 72 years, he had four sons, 13 grandchildren, and 30 great-grandchildren. In 2020, aged 99, he was made a Member of the Order of Australia (AM) for his significant service to education, veterans, and the community at large. Bruce was the eldest brother of Donald Renshaw Harris, QC (Hon) (1953, Fellow and Tutor in Jurisprudence 1956-1976, Senior Research Fellow 1977-1993, Emeritus Fellow 1993–2020).

### Professor Ernst Wangermann (1946)

Professor Dr H.C. Hendrik Lehnert, FRCP, FACP Rector, and University-Professor Dr Christoph Kühberger, History Department, Paris Lodron University of Salzburg

Ernst Wangermann was born on 22 January 1925 in Vienna, where he spent his childhood and early youth before his family was forced to emigrate to Great Britain in 1939. An essential prerequisite for his later professional focus as a historian was that he kept his German mother tongue and a deep emotional connection to his Austrian homeland during the period of emigration. Shaped by the stimulating intellectual climate at Oxford University, Ernst Wangermann decided during his studies to select a research area that would ultimately become his life's work, Austrian enlightened absolutism. After teaching at the University of Leeds for decades, his long-sought-after return to Austria occurred in 1984 when he was appointed Professor at the University of Salzburg.

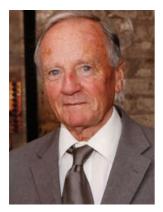
It is difficult to imagine the historiography of the Habsburg Monarchy in the 18th century without Ernst Wangermann's fundamental contributions. From his first major work From Joseph II to the Jacobin Trials (1959) to the brilliant study Die Waffen der Publizität: Zum Funktionswandel der Politischen Literatur unter Joseph II (2004), the range of his important book publications and numerous essays cover the era of the Austrian Enlightenment. Ernst Wangermann's research was based on a fundamentally positive world view. He was firmly convinced that the radical thinking of the Austrian Enlightenment – despite its political failure - had in the long run provided essential and sustainable material for Austria's path to modernity.

In the best British tradition, Ernst Wangermann's commitment to teaching was characterised by very personal attention and intensive support. Even after retirement, his colloquia enjoyed great popularity among students. He died on 26 November 2021, at the age of 96.

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## Jeremy Strathdene (1948)

Helena Hawthorn (1998), daughter



Jeremy Strathdene was born in Huyton in 1930, the son of a Jewish refugee escaping Russian pogroms in Elizabethgrad (now in Ukraine) and a Lancashire manufacturer's daughter. His father, assimilated into English life as a clergyman and Labour council chairman, prized learning above all. So, perhaps unsurprisingly, it was at Balliol that Jeremy's sense of belonging was rooted.

After his schooling at Liverpool College, he won a scholarship to Harrow. In 1948, he came to Balliol to read Classics (Domus Exhibitioner).

He recounted how extraordinary the College was then - mixing boys fresh from school with

men who had served in the Second World War. He was proud that Balliol took equal numbers from public and grammar/county schools and sought to mix those sectors together when allocating rooms. He was less proud that Balliol was so late to admit women . . . One of his greatest joys was the Balliol Players. He gleefully described travelling between schools in a furniture van, sleeping on camp beds – his joy in the adventure combined with his pleasure in bringing Greek plays to those who might otherwise never have a chance to know them.

After leaving Balliol he was called to the Bar (winning a scholarship to the Inner Temple and coming top in his year in Bar Finals) and completed his National Service, before joining BP. His lifelong curiosity about the world and ideas was evident from his glamorous list of overseas postings (and the books he collected on his travels). He spent the 1960s and 1970s in Athens, New York, Paris, Brussels, Tokyo and London, often close to significant events as they unfurled. In the 1980s he was seconded to the Department for Environment to develop ideas for urban regeneration under Michael Heseltine – a challenge he enjoyed despite his antipathy for Heseltine's boss. He retired in 1985, relishing his role as full-time parent.

Jeremy's enduring fondness for Balliol, and its importance in his life, is demonstrated by the enjoyment he took in my brother Mark (1994) and me studying there ourselves. This excuse to pop into College meant our friends quickly took his cameo appearances as a natural part of Balliol life.

A devoted husband of 49 years to Mary Ann, his greatest joy in recent years came from inculcating in his grandchildren Penelope and Gus his love of learning. He died in February 2022 after a short illness.

### Thomas Carpenter (1952)

Douglas Carpenter (St John's, 1985), son

TG (Tom) Carpenter died on 11 June 2022, aged 90.

Tom studied Engineering at Balliol, after completing his primary and secondary education in London and Devon and his national service in Britain and Hong Kong. At Balliol he lived in College and then in Holywell Manor, where he encountered the young David Cornwell (John Le Carré). Tom was a stalwart of both the Oxford University Athletics Club and the Achilles, taking part in the relays and winning several titles in Long and Triple Jump (he also competed for London AC and Wycombe Phoenix).

After graduating in 1955 Tom took up a career in civil engineering, serving Sir Alexander Gibb & Partners (later Jacobs) for most of his career and living for many years in Iran, Pakistan and Sri Lanka, where he was involved in a number of irrigation and power generation projects. He married Elizabeth Green after meeting her in Iran in the 1950s and they remained together until her death in 2011. Tom returned to the UK in the late 1970s and took up residence in south Oxfordshire, where he remained for more than 45 years. He and his immediate family maintain close links with the University and Tom himself was regularly present at Balliol events until very recently.

After retiring from Jacobs, Tom briefly served as a consultant at the newly set up European Bank for Reconstruction and Development, advising on environmental issues and on railways. In his later years he took to writing and he published a number of books on the environmental impact of railways and on construction and the landscape; at the time of his death he was still actively researching in the fields of climate change and development.

Tom maintained a love of mountaineering throughout his life and climbed and walked extensively in the west highlands of Scotland, in Pakistan – where he knew well the pioneering climber Trevor Braham – and in Iran.

Tom is survived by his son and three grandchildren.

### Robin Blackhurst (1953)

Tim Lewis (Worcester, 1957)



Robin Blackhurst was born on 28 August 1934 in Lytham St Anne's. From his mother he inherited a lifelong love of poetry, literature, and theatre as well as sincere consideration for others; from his father, a passion for fishing and golf and a Lancastrian detestation of snobbery.

At Shrewsbury School, Blackhurst abandoned the classics to read history. The head of Classics, Stacy Colman, Balliol double first in mods and greats, viewed such a choice as a mortal sin; Blackhurst dubbed Colman 'the Pedant Laureate'. On hearing Blackhurst had been accepted by Balliol to read Jurisprudence, Colman responded

with pained disgust whilst Blackhurst modestly considered his acceptance was due to his interview with Maurice Keen (1954 and Fellow and Tutor in Modern History 1961–2000).

At Balliol, Blackhurst became a protégé of Jack Good (1952) and succeeded him in his second year as President of OUDS, although Blackhurst won the unkind title 'the non-acting President' because he never needed to act in his lead roles, notably in The Taming of the Shrew, where his Petruchio was cast against a professional American actress. Blackhurst also played in the Oxford second golf team.

After Oxford, Blackhurst faced his national service in the 13th/18th Royal Hussars, At Mons Officer Cadet School he won the Sword of Honour, receiving the award from Field Marshal Montgomery. On demobilisation, he toyed with the idea of joining Blackhurst & Blackhurst, the family law firm. Instead, he joined the Bank of London and South America, as personal assistant to Sir George Bolton, the chairman. In 1963 he married Graciela Cavagnaro, and they settled in Buenos Aires.

Over the next 40 years, Blackhurst held a variety of senior banking positions. He was fluent in Spanish and Portuguese. Skilled at making friends, he played bridge, golf and backgammon.

In 1995, he married Stephanie Wild, a commodity trading executive. They lived in São Paulo, Rio de Janeiro, New York, and finally Florida.

Blackhurst had an abiding interest in history, a great love of literature – he was able to recite Shelley and Wordsworth from memory - and a passion for fishing for sea trout in Alaska and Tierra del Fuego, salmon in Siberia and the River Spey in Scotland, and giant eels in Lancashire.

He died on 26 July 2022 after a brief battle against a severe blood infection, outlasting his beloved wife Stephanie by four days. He is survived by his daughters, Alexandra and Deborah, and his stepchildren, Adrienne and Brookes.

## Professor Peter Grinyer (1954)

#### Sylvia Grinyer

Peter was born in 1935 in East London, After an early education disrupted by evacuation from London during the Blitz, he went to East Ham Grammar School and then to Balliol to read PPE. He later obtained a PhD in applied economics from London University after four years parttime research at LSE.

He became Professor of Business Strategy at City University Business School, London, in 1974 and in 1979 was appointed to the Esmée Fairbairn Chair in Economics (Finance and Investment) at St Andrews University, where he was Chairman of the Economics Department. He was Vice



Principal 1985–1987 and Acting Principal 1986 at a time when universities were reeling from savage cuts imposed by the Thatcher government. In 1987 he founded and was the first Chairman of the Management Department (now the School of Management). In 1989 with Dr Gareth Price of Shell he founded the St Andrews Management Institute of which he was Chairman for seven years. This role as an academic administrator and entrepreneur was underpinned by a dedication to teaching and research. He is best known for his work on strategic planning, organisational renewal and managerial cognition.

He authored or co-authored some 60 papers and five books which gained international recognition, leading to periods as Visiting Professor at Stern School of Business, New York University, and Imperial College London, and as Erskine Fellow at the University of Canterbury, Christchurch, New Zealand. He also served on the editorial boards of several learned journals, most notably the Strategic Management Journal for 25 years. On graduation he had joined Unilever as a Senior Management Trainee and worked as a buyer in the United Africa Company. He then became personal assistant to the managing director of an expanding company in the plastics industry before entering management education. Throughout his career he straddled the two worlds, as a business consultant, nonexecutive director of five companies and member of public bodies: the Business and Management Sub-Committee of the University Grants Committee for six years, of Scottish Legal Aid Board for eight and in retirement the Competition Appeals Tribunal for twelve. This practical experience informed both his research and teaching. Peter regarded himself very fortunate. His parents and grandparents gave him and his siblings unstinting love. He and his wife Sylvia enjoyed a very happy marriage of over 62 years and she provided strong support for his work. They met while Peter was a student: consequently Balliol and Oxford remained very special for them both.

Peter bore 15 years with Parkinson's and six with prostate cancer courageously. He never complained and remained positive and intellectually engaged until he died on 13 January 2021.

### Emmanuel Tumusiime-Mutebile (1974)

Professor Paul Collier (Professor of Economics and Public Policy, Blavatnik School of Government)

In the death of Emmanuel Tumusiime-Mutebile, Governor of the Central Bank of Uganda, Africa has lost a towering figure central to both his nation's economic revival from the tragedy of the first decades of Independence, and by his power of example, the gradual recovery of other countries in the region.

Emmanuel was a fine economist, but his key abilities were personal courage and leadership. His used his courage to speak truth to power. He used his charismatic leadership to inspire his staff to turn themselves into professionals with the integrity and skills to manage the complex challenges needed for a poor and fragile society to escape mass poverty.

He showed his courage against the tyrant Idi Amin by condemning his expulsion of the Asians while being interviewed on the radio; having then to flee the country in disguise. He found that same courage in his re-encounter with Yoweri Museveni. Museveni had led an insurgent group that seized

the capital. Finding Emmanuel. once fellow student, now chief economist at the Ministry of Planning, the new President promptly ordered him to stop the rampant inflation by revaluing the official exchange Emmanuel rate. patiently explained this common why piece of economic



illiteracy would not work, only to be overruled by his overconfident new boss. Emmanuel's retort was 'Yes Mr President, but will you permit me to remind you when you have to reverse it that I told you it was wrong.' Museveni's greatness was that he did not treat this remark as insubordination, and his subsequent decision to reverse the policy was a first step on a six-year road to realising that key economic policies must be left to Emmanuel. By 1994, their partnership had overseen a sequence of tough and well-implemented decisions just in time to take advantage of a coffee-boom which laid the foundations of a vibrant private sector.

By 2002 his team at the Ministry of Finance and Planning were wellequipped to take over its leadership, and he moved to be Governor of the Central Bank, where he remained until his death, rapidly becoming the fatherfigure for his beleaguered peers in the region, radiating courage and wise counsel with skewering humour.

By the time of his death, he was a living legend: an anchor at a time of very rough seas for the region. By design, he leaves an institution which abounds in qualified future Governors, but as a rare man of greatness, he is irreplaceable. We had been warm friends for 30 years and I grieve at his passing.



Patrick Walsh (1974)

Ray Bremner (1975)

Patrick Walsh, popularly known as Paddy, died suddenly of a heart attack on 24 November 2021.

He graduated in Modern History. Whilst at Balliol he served as a very enthusiastic Mr Picture Fund, with responsibility for arranging distribution of art pieces owned by the College which could be hung by undergraduates in their rooms. He was also an active member of the Academic Society and the Vic. Soc.

After a brief flirtation with law school he joined the wine merchant Russell and McIver, where he worked for almost fifteen years. In 1980 he

helped create the first edition of the Which? Wine Bar Guide, carrying out the first ever review of UK wine bars.

He then decided to return to History and become a teacher. He did a PGCE and later a Master's at the University of London Institute of Education, and taught at the Westcliff High School for Boys followed by Wolverhampton Girls' High School (both state grammar schools). He was retired. He leaves a widow, Teri.

# Brian Rutledge (1980)

## Rutledge family

As a tall sociable Geordie, Brian made a strong, friendly impression on everybody that he met during his time at Oxford and in his native North East. Born in 1962, he came up to Balliol in 1980 from Saint Cuthbert's High

School, Newcastle (then a grammar school), to study Engineering Science and he soon became well known throughout the College. He was a talented footballer, mainly on the left wing, and in addition to studying, he played for winning Blues teams every year he was at Oxford. He was a very popular member of each team and in his final year, when the captain was injured, Brian was chosen to lead the team out at Wembley. He also found time to play for Wycombe Wanderers and drove up and down the M40 in his brightly coloured Ford Capris. He entered fully into College life and was an enthusiastic member of the Harry Lime Society (during this period the Trinity College gates were painted fluorescent green).

Brian was sponsored through his degree by the manufacturing company TI Churchill and on graduating he returned to work for them in the North East. He went on to work for the glass company Corning, and while there he managed the specialist production of the impressive glass sculpture and fountain that now stands in the Post Office Square Park, Boston, Massachusetts. He held several senior management positions in manufacturing companies in the North East and completed an MBA at Durham University.

He married Susan in 1994 and they had three children, Hannah, Beth, and Aidan, of whom he was extremely proud. He was diagnosed with multiple sclerosis in the late 1990s and battled against the disease throughout. He continued to be a keen football fan, following Newcastle United and Gateshead. He always took a keen interest in developments at Balliol and the friends he had made at Oxford. As a wheelchair user in later years, he campaigned successfully, in his determined way, for improved access to public transport in the North East.

He was diagnosed with cancer in early 2021 but he remained positive and was able to enjoy his daughter's wedding and other social events with family and friends. Everyone had stories of 'adventures' that they had had with Brian (sometimes known as 'Superman') and he will always be remembered for enriching their lives. He passed away on 27 September 2021 surrounded by the love of his family.

# The Master's Field For Alan Kingsley (1998), In Memoriam Carmen Bugan (2000)

When our friend sent news about you Walking that final stretch of road, he asked If I would write, because he thought it best 'To be reminded of friends and happy times'.

Memories of the three of us playing like Children at recess in the Master's Field Between lectures on poetry, philosophy, 'Aspects of structural design with glass',

Walks at Christ Church Meadows, Strolls through St Catherine's Fields And Magdalen's Deer Park, wine And mussels, chess and hearty laughter –

Flooded me with such force That I felt at a loss to find Comforting words to offer During your final days.

I remembered Mark's wedding In Adelaide, the vineyard, the two of us Walking in Sydney's Botanic Gardens, With youth on our side.

Exchanging news with you became A heartbreaking game of wait and see. No one learns how to die young. Now That you have gone, we are gathering

To celebrate the 'one of us'. You Brimming with smiles, always calm, Always thinking, then back to that inner smile That kept us companionship in happy times.

Alan, you will hold the rest of us together As much as memory does: gently and forever. The picture of yourself you sent to me Is of a boy playing on the floor with his father:

It's one I have never seen. It's a part of you I never met before, my dear friend – a parting gift? The little boy's eye light takes me by surprise Like a wish half-fulfilled, or like a thought

That barely touches the mind and leaves before You have the chance to learn what it is. Tonight's Salmon sky surprised me in the garden, and, like your Life, vanished before I could record it in my mind's eye.

I see Mark and you in the Master's Field at Balliol In that moment before the Professor of Poetry's Lecture, When it was so hard to tear myself from our chasing game, To go learn about the fields of just and perfect words.



Alan Kingsley (centre) with Dale Smith (1998, left), Mark Porter (1998, right) and friends at Balliol.

Alan graduated from Balliol with a DPhil in Philosophy. The Kingsley project at the Bodleian Library has been working to digitise books from John Locke's library in Alan's memory.

# **Deaths**

Tony Cockshut (Andrew Bradley Junior Research Fellow, 1950), 5 November 2021

Professor Godfrey Fowler (College Doctor, Balliol 1974–1991, Professorial Fellow, Balliol, and Clinical Reader in General Practice, Oxford University, 1978-1998 and Emeritus Fellow from 1998), 29 March 2022

Alastair Howatson (Fellow and Tutor in Engineering 1965–1995 and Emeritus Fellow from 1995), 18 June 2022

Professor Roger Lonsdale (Andrew Bradley Junior Research Fellow 1960-1963, Tutorial Fellow in English 1963–2000, Vice-Master 1978–1980 and Emeritus Fellow from 2000), 28 February 2022

Piers Nye (Fellow and Tutor in Physiological Sciences 1991-2011 and Emeritus Fellow from 2011), 10 December 2021

Professor Joseph Raz (Fellow and Tutor in Law 1972–1985, Professor of the Philosophy of Law, Oxford, and Professorial Fellow, Balliol, 1985–2006, and Emeritus Fellow from 2006), 2 May 2022

Professor Alan Jones (Lecturer in Oriental Studies, 1974–2000), 25 September 2021

Alan Tadiello (Library Assistant 1977–1987, Assistant Librarian 1987–2010, Deputy Librarian 1995–1996), 16 August 2022

David Malan (1940), 14 October 2020

Sir Charles Jessel (1942), 1 April 2022

John Commander (1945), 18 March 2021

Patrick Scally (1945), 27 October 2019

Bruce Harris (1946), 30 July 2022

Professor Ernst Wangermann (1946), 26 November 2021

Klaus Bowers (1947), 7 July 2022

Michael Comer (1947), September 2021

Professor Norman Doenges (1947), 26 August 2018

Mark Barrington-Ward (1948), 23 October 2021

Luis Browne (1948), 8 May 2022

Kenneth Matthews (1948), 04 May 2022

Jeremy Strathdene (1948), February 2022

Peter Woodford (1948), 12 October 2021

Stanley Brodie (1949), 3 May 2022

Philip Critchley (1949), 21 August 2021

Neil Rees (1949), 14 November 2021

Peter Stephenson (1949), August 2020 Donald Wild (1949), 25 June 2022

John Field (1951), 9 April 2022 Arthur Paton (1951), 24 May 2020 Thomas Carpenter (1952), 11 June 2022 Robin Blackhurst (1953), 26 July 2022 David Bowers (1953), March 2022 John Henderson (1953), 19 December 2021 Ian Penman (1953), 4 July 2022 John Williams (1953), 7 December 2020 Professor Peter Grinyer (1954), 13 January 2021 George Miller (1955), 8 December 2019 Paul Smith (1955), 2022 Professor Donald Thomas (1955), 20 January 2022 Ronald Pritchard (1957), 24 October 2021 Stuart Spence (1957), 29 May 2021 Anthony Arblaster (1958), 15 April 2022 Stewart Hawkins (1958), 20 March 2022 Alexander Lindsay (1958), 12 October 2021 John Smith (1958), November 2021 Mark Bewsher (1959), 30 October 2021 Lord Gowrie (1959), 24 September 2021 Professor Edward Ingram (1959), 15 March 2022 The Revd Dafydd Miles Board (1959), 18 August 2021

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Mark Roe (1974), April 2022 Emmanuel Tumusiime-Mutebile (1974), 23 January 2022 Paddy Walsh (1974), 24 November 2021

Brian Rutledge (1980), 27 September 2021 Maryanna Sharrock (1980), 4 February 2022 Paul Rosenberg (1984), 25 August 2021

Alan Kingsley (1998), 23 November 2021

Abhijeet Tavare (2012), 29 October 2021

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Imran Ahmed Michael Armitage Nick Bennett Rebecca Brown Andrew Carter Ying Chen Hannah Crowther Jesse Crozier Kimberly Douglas Alister French Ankeet Jethwa Stephen Kitching Halim Kusumaatmaja Leo Li Rick Malins Daniela Malone Andrew McGrath Neda Minakaran Lee Moore Graham Morris Mark O'Brien Hephzi Pemberton Nic Ramsden Joshua Rogers Fiona Ryan Zhan Su Jon Turner Rachael Wagner The Revd Harri Williams Samuel Wilson Denis Zuev And 2 anonymous donors

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Adam Smith Eloise Sobczyk Daniel Temko Keon West Owain Williams And 1 anonymous donor

# 2007

Oliver Burton Thomas Dean Barr Even Gwennaël Fedder Matthew Fraser Euan Fuller George Harnett Rachel Iones James Kirby Iain Large Ettie Lewis Aime Lopez Aguilar Christine Madsen Thomas Mason Mary Platt Michael Schumacker Michael Skelly Maja Starcevic Katy Theobald David Thomson Simon Thwaite Raffaella Tomassi Simon Wan And 2 anonymous donors

# 2008

Miroslawa Alunowska Figueroa Edward Brunet Rajesh Chopra Sam Clarke Marine Debray Molly Dickinson Jane Dougherty Felix Faber Professor Edward Grefenstette Hayley Hooper Jekaterina Ivanova Kelsey Jackson Williams James Kohn Anna Kullmann Robert Latusek Ronan McDonald Kanishka Narayan Hannah O'Rourke Hector Page Hannah Snell Simon Stewart Ali Travis

# 2009

Beth Wan

Lubo Atanassov Clarissa Belloni Kate Burns Olivia Cocker

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### 2010

Benjamin Woolgar

Olivia Baddeley **Jack Banner** Mathew Barber Matt Baum Hugo Bax Dominic Bisset Ben Brooks Alice Buchan Mentor Cheung George Colenutt Edward Crane Sarah Edwards David Ellis Patrick Garvey Jai Juneja Emily Mak Ben Marshall Helen McCartney Alice Mollon David Olbrich

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Pakorn Aiewsakun

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#### 2015

Olivia Aarons Rolf Ali Sophie Andrews Rebeca Arroyo Aidan Balfe Iamie Beacom Adam Beecroft Francesca Bianchi Sara Bicknell Lisa Buck James Chan Sophie Conquest Alice Coombes Huntley Rob Cornish William Cowie Helen Cui

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Sofia Castello Y Tickell

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Benjamin Elliott

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André Heycock

Huihan Hu

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Laura Schade

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Reuben Steenkamp

Juliette Tatu

Georgi Tinchev

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Rachel Wong

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# 2018

Ivan Agoston

Bruno Atkinson

Michael Beattie

Iacob Berry

Bee Boileau

Conor Callaghan

Mhairi Cameron

Atticus Carnell

Robert Chamberlain

Yasar Cohen-Shah

Rory D'Angelo

Aleena Din

Huw Evans

Michael Fallona

Harry Fox

Arun Gharial

Violeta Gonzalez

Xavier Gonzalez

Ben Hack

Walter Li

Ivan Lobaskin

Antonio Lopez

Emma Ma

Vaibhav Manchanda

Leyla Manthorpe Rizatepe

James Matthews

Laurence Mohan

Finlay Moore

Cecil North

Toye Oladinni

Finn O'Rourke

Aleisha Peace

Millie Prince-Hodges

Minhai Rahman

Emily Reed

Andrey Repin

Cerian Richmond Jones

Calvin Runnels

Aleksandr Shaghikyan Razneen Shah Lauren Shirreff Ethan Stewart Titus Teo Guo Zheng Bridie Thompson Tabitha Traill Nino Tsouloukidse Samuel Woof McColl Eugenia Yeo

### 2019

Grace Campbell Brenden De Matos-Ala Isha Dwesar Michael Gooch Michelle Mikos Rob Murphy Rune Nervik Iames Noonan Zeeshan Suhail Rebekka Thur And 3 anonymous donors

# 2020

**Jack Davies** Sophia Dietrich Krystalia Karamichou Hillary McLauchlin **Justine Ryan** Aleksander Taule Bayly Winder

# 2021

Wouter Baas

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80% of the members of the JCR and MCR made a gift to support the Balliol Students' Giving Campaign in support of the Balliol Students' Scholarship for a refugee student.

# Legacies received

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Obituaries of Old Members for the Annual Record are welcome, but there is a limit of 400 words. Please contact the Editor if you would like to write one.

