Research Events in College

Lady English Lecture
Social mobility: high hopes and low expectations by Joan Bakewell (Baroness Bakewell)

At this year’s Lady English Lecture, Joan Bakewell (Baroness Bakewell) will address how far issues of social mobility have progressed and now stalled in her lifetime and consider some remedies.
27 October, 5.30pm, JdP Music Building, followed by a drinks reception. Find out more and book tickets.

The Acting Principal's Research Seminar
Dr Jakob van den Eijnden, Lee Hysan Junior Research Fellow in Physical Sciences, will speak on Stellar cannibalism and the messy etiquette of the universe’s most extreme stars.
10 November, 5.30pm, Rooftop Suite. Find out more.

Brain and Mind: Pain and the Brain
In this interactive workshop three expert speakers, Dr David Bain (University of Glasgow), Dr Emma Fisher (University of Bath) and Dr Ulf Baumgaertner (MSH Medical School Hamburg), will investigate perception from the point of view of philosophy, psychology and neuroscience. The talk will be followed by a Q&A.
Pain and the Brain is a free, live and in-person event in the Jacqueline du Pré Music Building, St Hilda's College. If you cannot attend in person, the event will be livestreamed.
4 November, 5.30pm, JdP Music Building. Find out more and register.

Remembering Robert Cohan
DANSOX, TORCH and Yorke Dance Project present two evenings of work, Remembering Sir Robert Cohan.

Our online Photographic Research Exhibition is still available to view on the College website. While developing their research, our students and academics have developed photos that provide a bridge from the worlds of their academic study to the world of art. Each of the pictures in this collection showcasing research at St Hilda's tells at least one story.

Fellows’ Research News
Professor Julia Yeomans has been awarded the Lennard-Jones Lectureship Award from the Royal Society of Chemistry. A recipient of the award ‘must have made an outstanding contribution to the field of statistical mechanics and thermodynamics and must be of international calibre’.
Professor Jane Barlow, Professorial Fellow in Evidence-Based Intervention and Social Policy, is leading the Leverhulme Trust Biopsychosocial Doctoral Scholarships scheme, which is the first doctoral programme to bring together expertise from diverse disciplines with the explicit goal of reducing the impact of social inequality in early childhood through the application of biological science. The program will encompass Oxford's departments of Social Policy and Intervention, Sociology, Psychiatry, and Experimental Psychology.

Dr Ann Dowker is a member of an international collaboration, headed by Minna Torppa of the University of Jyvaskyla, Finland, which has received funding from the European Commission for a five-year project, Pathways to math difficulties: A longitudinal study from birth to school age, 1 September 2021 - 31 August 2026.

Dr Dowker has become a member of the British Dyslexia Association's new Dyscalculia Committee, and Chair of its subcommittee on Research.

Dr Winok Lapidaire, Lee Hysan Junior Research Fellow, and colleagues from Cardiovascular Medicine department have won a MRC Programme Grant of £2m with the title, Cardiac and vascular disease prevention after hypertensive pregnancy: insights from AI-derived, multi-organ, hypertensive disease progression models. They will be conducting research studies on hypertensive pregnancy here in Oxford and in Cape Town, South-Africa.

Dr Joanna Raisbeck, Stipendiary Lecturer in German, was awarded the inaugural Klaus Heyne-Preis zur Erforschung der deutschen Romantik (Klaus Heyne Award for Research in German Romanticism) for her doctoral thesis. The award ceremony took place in Frankfurt am Main on 6th October. Find out more.

Dancing with Apollo was a week-long residency held in July at the Jacqueline du Pré Music Building. Choreographer, Kim Brandstrup, and two dancers - Liam Riddick and Laurel Dalley-Smith - worked alongside award-winning violinist, Sara Trickey, and pianist Ivana Gavric, with Marina Warner as dramaturg, to develop a dance-piece based on Cupid and Psyche, to a newly commissioned score from composer Edmund Finnis. A documentary film of the DANSOX (Dance Scholarship Oxford) workshop residency, Cupid and Psyche, is available to watch.

The 2021 DANSOX Summer School also took place in the JdP Music Building in July. Special Guest, Alastair Macaulay, gave the Opening Guest Lecture, followed by sessions from musicians, dancers, writers, scholars on their eclectic interpretations of the idea of “notation”. The DANSOX Summer School is available to watch.

Fellows’ Publications

Professor Catherine Schenk, Professorial Fellow in Economic and Social History has co-edited Remembering and Learning from Financial Crises, Oxford University Press (2021), published by OUP.

Dr Margaret Kean, Dame Helen Gardner Fellow in English, has authored The Literature of Hell, published by Boydell & Brewer.

Professor Dev Gangjee, Fellow and Tutor in Law, has co-authored Alternative Dispute Resolution Mechanisms for Business-to-Business Digital Copyright and Content-Related Disputes: A report on the results of the WIPO-MCST Survey. This report and survey on the use of alternative Dispute Resolution mechanisms in business to business digital copyright disputes has been published by the UN’s World Intellectual Property Organisations.
Dr Jakob Van den Eijnden, Lee Hysan Junior Research Fellow, has co-authored the following articles:


Dr Daniel Bulte, Fellow and Tutor in Engineering, has co-authored the following articles:

**A General Model to Calculate the Spin-Lattice Relaxation Rate (R1) of Blood, Accounting for Hematocrit, Oxygen Saturation, Oxygen Partial Pressure, and Magnetic Field Strength Under Hyperoxic Conditions** Journal of Magnetic Resonance Imaging.

A simplified empirical model to estimate oxygen relaxivity at different magnetic fields NMR in Biomedicine.

Dr Mary Board, Lecturer and Director of Studies in Biochemistry, has co-authored the following papers

Pakzad, K., Tan, J.J., Anderson, S., Board, M., Clarke, K. and Carr, C.A. (2021) **Metabolic Maturation of Differentiating Cardiosphere-Derived Cells** Stem Cell Research 102422
https://doi.org/10.1016/j.ser.2021.102422


Callaghan, R. and Board, M. **UCP2 - Taking the heat out of P-glycoprotein?** Cancer Drug Resistance 2020 (3) DOI: 10.20517/cdr.2020.105


**Book Launch**

On 5 October, we hosted a book launch for our alumna, **Margaret Bullard** (PPE, 1947), to celebrate the publication of her latest book, *Endangered Species, Diplomacy from the Passenger Seat*.

![Book Launch Image]

The College is very grateful that proceeds from the sale of ‘Endangered Species’ will go to the Bullard Bursary Fund at St Hilda’s. The book struck a chord with reviewer Matthew Parris from the Spectator who notes, ‘Margaret Bullard may have been a passenger but she was a shrewd and
informed passenger and her driver, Sir Julian, chauffeured her through an extraordinary life. She sees things a driver doesn’t, and I love her sudden candour.’ Find out more.

Welcome to New Academic Staff

The College welcomes to our community

**Associate Research Fellow:** Dr Monica Olcina (Oncology)

**Junior Research Fellow:** Dr Michelle Taylor (English)

**Lecturers:** Dr Joseph Hankinson (English); Mr Lachlan Hughes (Italian); Mr David Murakami (Economics); Mr Ufuk Öztürk (German); Ms Catalina Pesce (Pure Maths); Dr Christopher Pollard (Physics); Dr Beth Preston (Biology); Ms Emma Rawkins (Law); Dr Charlotte Stagg (Medicine).

*All notices for the HT 2021 issue should be sent by Friday 7 January 2022 to communications@st-hildas.ox.ac.uk*