



The Donors' Garden Party – Saturday 29 June 2019

PROGRAMME

12 noon - 2 pm

Picnic in the College grounds

Guests are welcome to bring their own picnic, or to order one through College. College supplied picnics should be ordered separately (see <http://buytickets.at/jesuscollege/256981> for details).

2.15 pm - 3 pm

[FULLY BOOKED] Interesting Manuscripts from the College Library

with Dr Jessica Berenbeim, Fellow and University Lecturer at the English Faculty

An illustrated introduction to some of the intriguing and beautiful medieval manuscripts in the College's collection.

The Theological Roots and Future of the Welfare System

with Rev'd Dr Paul Dominiak, Dean of Chapel and Fellow

The welfare state is one of Britain's crowning achievements. Or is it? The Rev'd Dr Paul Dominiak looks at the theological roots of the British welfare system and argues that unintended consequences of the historical welfare state now necessitate a new theological vision for the future.

[CANCELLED] Agriculture in India and Africa: Moving Towards Sustainable Food Production

with Dr Shailaja Fennell, Fellow, University Senior Lecturer in Development Studies and Director of Research at Cambridge Central Asia Forum

There is an urgent need to ensure that sustainable productivity gains can maintain competitiveness for small-holder farming systems. This challenge is particularly pressing, as the intensive agriculture strategy, the "Green Revolution" rolled out in the 1960, through the cultivation of hybrid wheat, rice and maize has resulted in a depletion of ground water resources. Dr Shailaja Fennell will present current research that examines the potential of millets as a set of cereal crops, that are resistant to drought and traditionally cultivated by female small holders in semi-arid tropic regions, the key to a solution to agricultural challenges in India and Africa.

Activities will be allocated on a first-come, first-served basis.

Please note that children must always be accompanied by a parent/guardian.



No Ordinary Kitchen Extension!

with Mr Paul Vonberg, College Architect

During the five hundred or so years since the founding of the College, the number of meals provided in a day is thought to have increased from fewer than fifty to sometimes more than a thousand. Yet in that time the size of the College Kitchen has hardly changed. Paul Vonberg outlines the plans (amongst other things) to double the size of the Kitchen, add a Wine Cellar and install a Passenger Lift to both the Dining Hall and Upper Hall, all without spoiling the Grade 1 Listed buildings which are so cherished.

Graduate Showcase: Matter at Extreme Conditions and Novel Transistor Design for High Power Applications

with David Jarvis, Quantum Matter Group

and Emma Findlay, High Voltage Microelectronics & Sensors Group

David will discuss his research, explaining how experimental access to extremes of low temperature and high pressure opens up a range of exciting behaviour and properties in materials, from superconductivity to new magnetic states, allowing us to probe their fundamental behaviour and look to new applications for the future. Emma will discuss her research into novel high-power silicon transistors by explaining the role of these devices in power conversion applications such as renewable energy distribution and electric vehicles. She will demonstrate that even a small improvement in a transistor's efficiency can have a global impact on energy consumption.

[FULLY BOOKED] Tour of the Old Library

with Dr Michael Edwards, Gurnee Hart Fellow, Senior College Lecturer in History, Deputy Graduate Tutor, Fellow Librarian and Keeper of the Old Library

Until 1912 the College Library was housed on the second floor of Cloister Court in the room now known as the 'Old Library'. This contains about 9,000 books in handsome oak bookcases of 1662. Dr Michael Edwards will welcome visitors to this historic library, and show a number of its hidden treasures.

[FULLY BOOKED] Tour of the Gardens

with Mr Paul Stearn, Head Gardener

Join our Head Gardener for a guided tour of the beautiful College grounds.

Archives Exhibition*

with Mr Robert Athol, College Archivist

Come and see just some of the fascinating items stored in the College's archives.

* Drop-in session so no booking required.

(6 – 16 Year Olds) Comedy Club 4 Kids

Join us for a comedy workshop with a difference.

Activities will be allocated on a first-come, first-served basis.

Please note that children must always be accompanied by a parent/guardian.



3.15 pm – 4 pm

[FULLY BOOKED] America's First Mass Deportation: Enforcing and Escaping Indian Removal in the American South, 1825-1850

with Dr Jane Dinwoodie, Research Fellow in American History

Recent debates about travel bans and undocumented immigrants have thrust questions of mass deportation to the forefront of American politics. Yet these are not new concerns. Following the 1830 Indian Removal Act, American policymakers forcibly relocated 100,000 Eastern Indigenous people to modern-day Oklahoma. Thousands of Indigenous Easterners – including Cherokees, Choctaws, Creeks, and Potawatomis – died along this “Trail of Tears”. This talk will provide a sweeping overview of removal and the extensive military-administrative power deployed to enforce it. It will also highlight how Indian communities resisted the horrors of this deportation to persist in both the East and the West.

Getting to Grips with Gods: Religion, Tradition and Poetry in the Later Roman Empire

with Dr Emma Greensmith, Junior Research Fellow in Classics

Amidst the immense transformations experienced in the Roman Empire between the second to sixth centuries C.E. – the laying of the social foundations for medieval Europe, the rise and fall of Rome as a world centre, and, critically, Christianisation – more Greek epic poetry was composed than during any comparable period of antiquity. How could this be so? How, for example, could Nonnus, a fifth century poet, write both a 48-book epic about the pagan god Dionysus and a verse version of John's Gospel? How could the Word of God be paraphrased into poetry? What explains the rise of centos, the Bible rewritten using lines of Homer? Confronting these questions, this talk looks at the crucial, unexplored, role of poetry at the time when collective memory was being redrawn, with decisive impact on European history.

From Bench to Bedside; Towards an Understanding and Therapy for a Rare Neurodegenerative Disease

with Dr Jennifer Hirst, Fellow, Admissions Tutor (Recruitment) and University Principal Research Associate

Dr Jennifer Hirst is a Researcher at the Cambridge Institute for Medical Research and her work aims to understand cellular dysfunction in a rare neurodegenerative disease, hereditary spastic paraplegia. As a Cell Biologist, Jennifer will discuss the power of engaging with the public and patient groups to direct the focus of her research towards a therapy, and will also share her passion for outreach and widening participation in her role as one of the Admissions Tutors at Jesus College.

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Graduate Showcase: Why do ‘Things’ Stick? ...and Why Do They Sometimes Not Stick?! A Question of Surfaces and Novel Transistor Design for High Power Applications

with Belinda Fonseca, Surface Chemistry

and Emma Findlay, High Voltage Microelectronics & Sensors Group

Belinda will discuss how distinguishing what surface you are truly looking at is difficult. Several analytical techniques are utilized when investigating surface properties, and a second opinion (second technique) is required to confirm what you are observing. Considering this, surfaces have large contributions for manipulation of organic material. Emma will discuss her research into novel high-power silicon transistors by explaining the role of these devices in power conversion applications such as renewable energy distribution and electric vehicles. She will demonstrate that even a small improvement in a transistor’s efficiency can have a global impact on energy consumption.

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4.15 pm - 5.45 pm

Afternoon Tea

with a speech from the Vice-Master at 5pm

6 pm

Evensong in Chapel

sung by the Combined Choirs of Jesus College

**RSVP by completing the online form at
<https://jcdgp2019.eventbrite.co.uk>
before Friday 7 June 2019.**

We have introduced an online booking system in order to save on administrative costs. Please note that to book you **do not** have to set-up an account with Eventbrite.

If you are unable to book online, please get in touch with us directly on
01223 339301 or at development@jesus.cam.ac.uk

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