



Dining with Dinosaurs

Hilary Term 2024

For **Dining with Dinosaurs**, you will need to register your interest to attend by 9am on the Friday prior to the event in order to attend (bookings will open 2 weeks ahead of each event). See the termcard for more details and booking links.

Events may be subject to change. All College members will be updated in the weekly newsletter with the details of any changes and booking information.

<u>Week 1</u> (14-20 January)	
Tuesday 16 January 18:20-21:00 Dining Hall	AI in healthcare The first Dinner with Dinosaurs talk in Michaelmas term ended with the prediction that foundational models would revolutionize the application of AI in many fields, including healthcare. Professor Clifton, who is a world-leading expert on these models, will review recent developments and explain how their use can improve healthcare, both in high-income nations and low- and middle-income settings.
<u>Week 2</u> (21-27 January)	
Tuesday 23 January 18:20-21:00 Dining Hall	Earthquake hazards and risk in the continental interiors Recent devastating events in Türkiye, Morocco, and Afghanistan have shown the capacity for earthquakes to cause widespread death and destruction. Earthquakes alter landscapes, divide uplands from arid basins, and control the presence and flow of water. They provide opportunities for settlement, farming, and trade. At this seminar, Reuben Fellow and Professor of Tectonics Richard Walker will draw from historical records and contemporary research to explore the impact of repeated earthquakes on the growth of modern cities.
<u>Week 3</u> (28 January - 3 February)	
Tuesday 30 January 18:20-21:00 Dining Hall	Innovation: A 4 piece puzzle Turning ideas and research findings into innovation and enterprise is not luck. The environment needs to be right, and there are certain key factors that are needed. Visiting Fellow Sarah Heywood will talk about her experiences within and outside the Oxfordshire innovation ecosystem, including London, drawing also on her work as a policy maker in UK Government. She will discuss how ideas, people, funding and place contribute to a successful environment and will help us to think about how Reuben can be a successful place for innovation and entrepreneurship.



<u>Week 4</u> (4-10 February)	
Tuesday 6 February 18:20-21:00 Dining Hall	Insights on viruses with Sir Peter Ratcliffe In this talk, Nobel Prize winner Sir Peter J. Ratcliffe will share insights from his research in the field of medicine and biomedical science. In discussion with Reuben College Fellow Jane McKeating , he will discuss the implications of oxygen-sensing pathways in defining virus tropism (the ability of viruses to infect cells). Sir Ratcliffe and his team discovered the mechanisms by which human and animal cells sense oxygen and convert these signals to direct adaptive changes in gene expression. He was knighted for his services to medicine in 2014 and won the Nobel Prize in Physiology or Medicine in 2019.
<u>Week 5</u> (11-17 February)	
Tuesday 13 November 18:20-21:00 Dining Hall	Student Takeover Join us to hear insights on Reuben student's research. Topics include: <ul style="list-style-type: none">• The fundamentals of genetics and epigenetics, elucidating their significance in cancer research.• What philosophy research looks like• The Nature of Video Games: What do they mean and why do they matter?• Mastering the Multitask: Strategies for Effective Time Management Across Multiple Projects.
<u>Week 6</u> (18-24 February)	
Tuesday 20 February 18:20-21:00 Dining Hall	How close are we to detecting cancer from a drop of blood? Early detection of cancer is still considered the most promising way to reduce cancer mortality, but to date most tumours are still detected at a late stage. Large screening programs have had mixed success and come with a huge financial and logistical burden. Recently, a host of start-ups have appeared that promise to be able to detect cancer early from just a few drops of blood. Are they selling solid science or snake oil? At this seminar, Reuben Fellow Ben Schuster-Böckler will give you an overview of the current state of research in this area, and discuss the opportunities and risks of rolling out "liquid biopsies" on a population scale.
<u>Week 7</u> (25 February - 2 March)	
Tuesday 27 February 18:20-21:00 Dining Hall	From clinical medicine to company founder Dr Millicent Stone is both one of the leading rheumatologists in the UK and the Founder and CEO of iOWNA , an award-winning company dedicated to helping people live longer and healthier lives through digital platforms that engage patients in a real-time, two-way information exchange with healthcare professionals. In her talk, she will describe her entrepreneurial journey with iOWNA, the inspiration behind it, the vision for the company and the challenges which she faced.



Week 8
(3-9 March)

**Tuesday 5
March**
18:20-21:00
Dining Hall

International Women's Day Talk

Join us for a talk from Dr Rebecca Brown (Oxford Uehiro Centre for Practical Ethics) exploring some of the ethical questions that arise during pregnancy and childbirth.