

**Welcome** to this issue of our Alumni newsletter. We hope that you enjoy these updates about the Trust's activities over the past few months. Our headline news is that in April we became a fully Registered Charity. This will enable the Trust to develop in numerous ways, with a Board of Trustees responsible for the governance and oversight of activities, together with new fundraising possibilities to enhance our Fellowships and outreach. Our new status allows us to pursue our objectives by seeking support beyond our existing source of income. As you know, Lindemann Fellowships and the furtherance of scientific research (and public interest in it) have been funded by the great generosity of Brigadier Charles Lindemann whose legacy established the Fellowships half a century ago. In recent years we have extended the Fellowships to terms of two years. We aim to increase both the possible Fellowship tenure to three years and the number of Fellowships we offer each year, as well as furthering our work for schoolchildren including enabling Lindemann Fellows and others explain their work to young people.

As formally entered in the Register of the Charity Commission, the Trust exists for 'the advancement of the physical sciences for the benefit of the public by the annual award and administration of postdoctoral fellowships for research in the USA and the dissemination of the results of that research in this country, and by the support of educational events in the sciences for school age children; both activities being to encourage interest and education in the most recent advances in the sciences for the broadening of knowledge and the practical application of science in the public benefit.' We are now in a better position to approach potential further funders. In October I visited MIT to discuss future possibilities with its Chancellor, and in the coming months will be meeting other potential sponsors. We have been particularly grateful for the advice of former Lindemann Fellows, and especially those who were able to attend our Alumni Lunch in Oxford in September. We are planning another Lunch for this autumn, but would be delighted to receive communications and ideas from you at any time.

# Women in Science Forum

In November, we were excited to host a forum on the topic of Women in Science, the first such event for the Lindemann Trust. Welcoming delegates from the worlds of academia, industry and secondary education, the forum discussed the barriers women face when applying for funding, their experiences of lab environments and their exposure to possible careers. The event was a wonderful opportunity for guests to gain insight into others' experiences and to meet possible collaborators. It also afforded the Lindemann Trust a chance to look at its own practices, to ensure it is providing Fellowships and other opportunities to those who remain under-represented in STEM.

*Delegates listening to presentations from alumni on their experiences as women in science.*



## Fellows' updates

We're delighted to have selected 2 new Fellows for 2023-25. Toby Johnson will complete his PhD at Oxford in September, before heading to Princeton, where he will study the Molecular Motion of Mechanically Interlocked Peptides. Dr Ben Moss completed his PhD at Imperial in 2020, and is looking forward to beginning his Fellowship at CalTech researching electrocatalyst discovery.

We have 4 current Fellows who are continuing their research at institutions across the US, and we look forward to reporting further on their work in our next edition.

## Visit to MIT



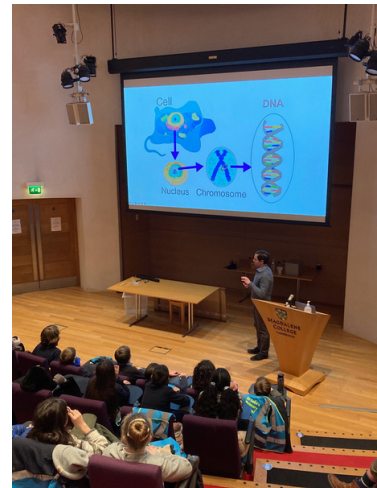
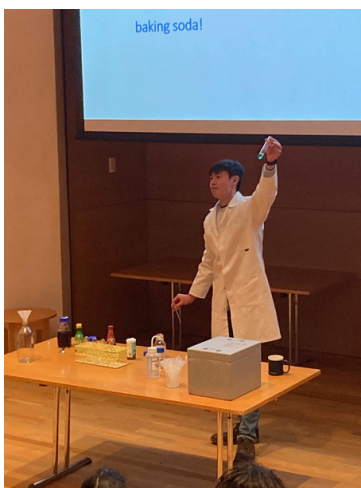
*Professor James Raven with MIT Chancellor Melissa Nobles*

James was pleased to be able to visit MIT last year, discussing potential future collaboration and extending thanks for hosting so many Lindemann Fellows over the years.

# Outreach in Cambridge

In March, we were delighted to host four local Primary Schools at Magdalene College, Cambridge, for a day of 'Communicating Science'. 170 Year 6 pupils joined us for a series of bite-size science talks, aimed at encouraging discussion and inspiring an interest in the relevance that science plays in our everyday lives.

Dr Nelson Lam, Lindemann alumnus and Junior Research Fellow at Trinity Hall, Cambridge, presented 'Chemistry in Colour': using water boiled from a red cabbage to test whether everyday household products are an acid or a base. Astronomers, Julia Sisk-Reynes and Dr Anke Arentsen, both from the Institute of Astronomy at the University of Cambridge, mesmerised the children with talks on black holes and the milky way. And Junior Research Fellow at the Wellcome Sanger Institute, Dr Adrian Baez-Ortega, demonstrated how a laser microscope works, and how we can use this to analyse DNA.



## Upcoming Events

- **Alumni Lunch:** autumn 2023; details to follow.