



Greetings from Cambridge!

Spring has finally arrived and the gardens look full of life. We hope the season will bring energy and ideas to your research!

Francesca has just returned from the **AFN Network+ (the UKRI Agri-food for Net Zero Network+) Big Tent Event in Leeds**, where the Network came together to sharpen future scenarios and plausible pathways for the agri-food system and identify research and innovation priorities for achieving UK net zero targets. It was a great opportunity to meet and build relationships with other stakeholders in the food chain.

Last week we held an initial interdisciplinary brainstorming meeting on **the future of pulses** to discuss funding opportunities, with the aim of creating of a programme to support research into pulses from production to consumption. Many thanks to all those who attended from across our network, including NIAB, the Institute for Manufacturing, the Sainsbury Lab, the Judge Business School and other University departments including Biochemistry, Psychology and the MRC Epidemiology Unit. We look forward to further developments and future collaboration.

March 10th saw Cambridge's first **workshop for academics on alternative proteins**, hosted by [Cambridge Global Food Security](#) in collaboration with the [Cambridge University Alternative Protein Project](#), [Cambridge Zero](#) and the [Good Food Institute](#). You can read more about it [here](#).

### **Up-coming GFS events:**

#### **Easter Term Coffee Break Seminars**

Fridays | 14:00 – 15:00 | online

12 May 2023 **Dr Jessica Bergman** (Plant Sciences) *Fantastic fungi and how to keep them healthy*

19 May 2023 (World Bee Day) **Nynke Blomer** (PhD candidate, Zoology) and **Benny Qihao Shen** (PhD candidate, Archaeology) *Sharing Landscapes: Competition between managed honeybees and wild bees*

26 May 2023 **Valentine Reiss-Woolever** (PhD candidate, Zoology) *Crop choice: the social factors that influence oil palm smallholders and their ecological effects*

9 June 2023 (World Oceans Day) **Megan Walker** (MPhil student, Zoology) and **Dr David Willer** (Zoology) Title tbc

16 June 2023 **Dr Paul Lohmann** (El-Erian Institute of Behavioural Economics and Policy) *Accelerating the sustainable food transition: The impact of behaviourally informed interventions on sustainable food choices*

For the full term-card please see the [Coffee Break Seminar page](#) on our website.

### **Forgotten Crops Society Dialogue**

Wednesday 17 May | 17:30 - 18:30 | online

As part of its Dialogue series (see here for past events), the Forgotten Crops Society, of which the GFS is a founder member, is welcoming Professor Ali Sayed, Chief Executive Officer of Crops For the Future who will be making a strong case on the importance of diversification of our agricultural species, innovate our production systems, and attract a new generation of farmers and agripreneurs to feed 10 billion people on a hotter planet. Professor Sayed will be in dialogue with Professor Tina Barsby (former NIAB Director and GFS Steering Committee member).

### **Early Career Research Programme: Career Pathways**

Friday 19 May | 10:00 - 14:00 | David Attenborough Building and online

A workshop to discuss and identify career pathways available to you after your PhD or Post-doc research exploring conservation and food security areas. Jointly run with the NERC-DTP programme and the Cambridge Conservation Institute. Please register via Eventbrite [here](#) and cancel if you can no longer attend.

### **Eating Local: The key to Food Security?**

Thursday 25 May | 18:00 - 19:00 | online

As part of our Food for Thought Series, we look forward to discussing whether eating local is the answer to reducing carbon footprints while securing food security; if nations should aim to be self-sufficient in food and the external factors that enable or inhibit what we can produce and access. The event will be chaired by Professor Yasemin Kor (Judge Business School) and speakers include Professor Lorand Bartels (Law Department, Cambridge), Professor Manoj Dora (Anglia Ruskin University), and Adele Jones (Executive Director of the Sustainable Food Trust). Please book via Eventbrite [here](#).

This webinar follows the event of 17 April on the real price of food. [You can find the recording here.](#)

### **Early Career Research Programme: How to deal with the Media.**

Friday 26 May | 12:00 - 13:30 | David Attenborough Building

Training for early career researchers on how they can engage with the media and communicate the result of their work effectively. The event is organised with the Cambridge Conservation Institute and will be run by Jacqueline Garget and Fred Lewsey (Office of External Affairs and Communications ). Please register via Eventbrite [here](#).

**[Our GFS Network](#)**

We're always keen to grow connections amongst our global food security community, to promote your work and encourage research collaborations. Please mail us at [coordinator@globalfood.cam.ac.uk](mailto:coordinator@globalfood.cam.ac.uk):

- with your news, publications and research outcomes so we can publicise and share them amongst our members,
- ideas for activities or events that would benefit from GFS involvement,
- to join the mailing list and send us your profile for inclusion on our website!

*Picture credit: Cambridge University Library*

[Join our mailing list!](#)

## LISTINGS

### UNIVERSITY OF CAMBRIDGE EVENTS

Thursday 4 May | 17.00 - 20.30 | Old Divinity School Saint John's Street Cambridge CB2 1TP

Designing the Next Generation of Bioengineered Tools for Health & Wellbeing, Speakers: Prof. Randall Platt (ETH Zurich) and Dr Kiran Patil (MRC Toxicology Unit, Cambridge). The Engineering Biology Forums are a series of talks exploring key tools for the future of engineering biology and biotechnology. Hosted by the Engineering Biology Interdisciplinary Research Centre at the University of Cambridge. [See more](#)

Wednesday 21 June 2023 | 13:00 -18:00 (reception until 21:00)

Pavilion Room, Hughes Hall, Cambridge, CB1 2EW

Applications are open to all African Scholars, such as the Cambridge-Africa Scholars, Cambridge Trust, Gates Cambridge, the Mastercard Foundation Scholars. If you are interested in presenting your research, please submit an application to the link below by 12 May <https://forms.office.com/e/zqwrDv7zJN>

Festival of Plants - Call for Talks and Stalls

Saturday 10 June 2023 | Botanic Garden 10.00 - 17.00

The Festival of Plants is a family activity day celebrating plants and plant science at the Botanic Garden. It includes tours, plant stalls, live music, food trucks, walkabouts and Ask the Gardener stall. Key elements are the Pop-Up Plant Science Marquee and the Talking Plants tent. Please contact Beverley Glover (bjg26) in the first instance if you're interested or would like to discuss possible ideas.

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## PUBLICATIONS

### Internal Publications

Rational design of a survey protocol for avocado sunblotch viroid in commercial orchards to demonstrate pest freedom, Bonn ry D.B., Pretorius L.S., Jooste A.E.C., Geering A.D.W., Gilligan C.A. (2023) PLOS ONE 18(4): e0277725. Read [here](#).

Advancing the quantitative characterization of farm animal welfare, Harriet Bartlett, Professor Andrew Balmford, Mark Holmes, and James Wood (Vet School) Read [here](#)

No One is Talking About Food': Making Agriculture a 'Business' in Ghana Rock, Joeva Sean Rock (2023). Read [here](#).

Coupling machine learning and epidemiological modelling to characterise optimal fungicide doses when fungicide resistance is partial or quantitative. Taylor, N.P. and Cunniffe, N.J. (2023). Journal of The Royal Society Interface. Read [here](#)

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Dancing to a different tune, can we switch from chemical to biological nitrogen fixation for sustainable food security? Jhu MY, Oldroyd GED (2023), PLOS Biology 21(3): e3001982. Read [here](#).

Fixing the Fens: Reconciling human activities with nature is never going to be easy, but a new group is using everything it's got to try and protect a vital part of the UK, Jacqueline Garget. Read [here](#).

Companies' zero-deforestation commitments have potential to halve cattle-driven deforestation in Brazilian Amazon, Jacqueline Garget. Read [here](#).

## External Publications

Five misused food and farming terms, from natural to intensive – and what they really mean ([theconversation.com](https://theconversation.com))

View of A discussion of stronger public policies to protect and promote healthy diets: what can the U.S. learn from other countries? ([worldnutritionjournal.org](https://worldnutritionjournal.org))

What is wrong with biofortification - ScienceDirect

Feeding Britain - Sustainable Food Trust

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## OPPORTUNITIES

\*If you are a University of Cambridge researcher interested in putting together an interdisciplinary application and would like assistance in finding suitable collaborators/coordinating a group meeting, please [contact us](#).\*

<https://www.ukri.org/opportunity/ukri-cross-research-council-responsive-mode-pilot-scheme/>

[https://www.ukri.org/opportunity/land-use-for-net-zero-hub-lunz-hub/?utm\\_medium=email&utm\\_source=govdelivery](https://www.ukri.org/opportunity/land-use-for-net-zero-hub-lunz-hub/?utm_medium=email&utm_source=govdelivery)

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<https://www.energy.cam.ac.uk/energy-irc-small-grants-scheme-call-applications>

[https://www.ukri.org/opportunity/pushing-the-frontiers-of-environmental-research-jul-23/?utm\\_medium=email&utm\\_source=govdelivery](https://www.ukri.org/opportunity/pushing-the-frontiers-of-environmental-research-jul-23/?utm_medium=email&utm_source=govdelivery)

<https://www.c2d3.cam.ac.uk/opportunities/c2d3-early-career-researcher-seed-funding-2023>

### **Research Network Funding**

The Research Networks programme at CRASSH facilitates the exchange of ideas across disciplinary boundaries and allows Cambridge researchers to explore new forms of collaborative work. The programme is open to all academic staff (UTOs/CTOs), postdocs and postgraduate students working together with a common interdisciplinary research interest. The programme offers funding of up to £1,500 per academic year, plus an in-kind contribution in the form of administrative assistance and help with running in-person or online events.

Networks generally run throughout the academic year, with a minimum length of one term. Experimental forms of engagement are encouraged, and we are keen to support new ideas for a wide range of activities, and to encourage new collaborative initiatives that reach across disciplinary boundaries, including those between the sciences and the humanities.

[Further information](#) | Apply by 14:00 on 4 May 2023

Student of the year awards, European Federation of Food Science and Technology, INT.

[See more](#)

International Exchanges, The Royal Society. [See more](#)

Kan Tong Po visiting fellowships, The Royal Society. [See more](#)

Postdoctoral Fellowships (ETH Fellows), ETH Zurich. [See more](#)

Research Chairs in Environmental Studies, Fulbright Scholar Program. [See more](#)

Research Chairs in Food Studies, Fulbright Scholar Program. [See more](#)

Research Chairs in Science and Technology, Fulbright Scholar Program. [See more](#)

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## Useful links:

Internal funding opportunities | Research Strategy Office ([cam.ac.uk](https://cam.ac.uk))

Research Operations Office | ([cam.ac.uk](https://cam.ac.uk))

Opportunities – UKRI

Funding Latest - Agri-TechE ([agri-tech-e.co.uk](https://agri-tech-e.co.uk))

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## Call for papers

Call for Abstracts Student Summer Symposium Cambridge Zero  
Postgraduate Academy ([office.com](https://office.com))

Abstract Submission - MNF 2023 - Nutrition for Resilience N4R - Ensuring  
Micronutrient Security in an Era of Complex Global Challenges  
([mnforum2023.org](https://mnforum2023.org))



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