

APRIL 2016 NEWSLETTER

Dear Members and Subscribers,

We're pleased to announce that bookings are now open for the Cambridge Conference in Global Food Security on 23rd - 24th June 2016. We have a fantastic speaker line-up, covering a huge range of issues including land use choices; natural capital & biodiversity conservation; sustainable food production; diet, consumer choice & food waste; cultural traditions; economics & trade; law, politics & global governance. See our website for the most up-to-date programme and speaker information and to [book your place](#).

I'd also like to highlight that Cambridge-Africa is calling for applications to its [Alborada Research Fund](#), open until 5 June 2016 (more below), which supports carefully matched African doctoral/ post-doctoral researchers and leading University of Cambridge academics across all disciplines, to collaborate on research projects. Several of our Initiative's members have had very positive experiences of this programme, which Cambridge's Vice Chancellor recently [cited](#) as a model for collaboration in addressing global challenges including food security.

Please continue to contact me at any time with relevant news, information about new grants or forthcoming publications, or other activities you'd like to share across the Initiative or more widely. Cambridge Global Food Security is also now on Twitter: follow us [@GlobalFood_Camb](#)

Best wishes, Jacqueline Garget

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EVENTS AND TALKS

(those taking place in Cambridge are in blue)

Food: Field to Table is a fortnightly, graduate-run interdisciplinary discussion group at CRASSH covering a wide range of issues that affect the food system. Next event: **19 April, 5-7pm, The Modern Hunter-Gatherer: Access to Food in Urban Environments** with Anastasia Orfanidou (Cambridge). Open to all.

27 April 2016: Priorities for the UK food supply chain and for the Groceries Code Adjudicator. Central London. A Westminster Food & Nutrition Forum Keynote Seminar.

5 May 2016: Innovations in Agri-Tech. Seminar organised by the Tropical Agriculture Association (TAA) East Anglia Branch, the Centre for Global Equality (CGE), CambPlants Hub and Cambridge Global Food Security. Speakers: Dr Stephanie Race (CropPerformance Ltd) and Professor Sir David Baulcombe (Dept of Plant Sciences). **2pm – 6pm at the Sainsbury Laboratory, Cambridge**. Tickets can be booked [online](#).

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5 May 2016, 5pm: 'How what we eat can help save the planet and our health'

This year's Linacre Lecture, by Professor Sir Lord Krebs at **the Old Divinity School at St John's College, Cambridge**, will focus on diet, now recognised as one of the largest contributors to ill health and avoidable premature death in the UK, as well as its environmental impact. Members of the University are welcome.

7 May 2016: Student conference on **Technological Frontiers in Food Security and Sustainability**. A day of talks jointly organised by the Oxford Food Forum and Cambridge Food Security Forum, with keynote by Dr Monika Zurek (Environmental Change Institute, Oxford). [Book your ticket now.](#)

11 May 2016 Career Directions in Agri-Tech, Cambridge Botanic Gardens and **5 July 2016: Cambridge Agri-Tech Careers Showcase**, Queens College Cambridge, for PhD students and postdocs. More details coming soon.

26 May 2016: Agri-Tech East Pollinator Event: **Controlled Traffic Farming – A Direct Line to Healthier Soils?** Hyde Hall, Dereham NR19 2HR. Including a farm tour, hosted by Norfolk farming business NE Salmon Ltd, providing an opportunity to get up close and personal with the technologies that could represent the future of farming. ***The University of Cambridge is a member of Agri-Tech East so can benefit from the members' rate.***

15 & 16 June 2016: [Cereals 2016](#), Chrishall Grange, nr Duxford. Join over 25,000 farmers, agronomists and industry professionals for the arable industry's leading technical event. ***Cambridge's Bioscience Impact Team is organising free transport and entry to the event for all University of Cambridge researchers currently receiving BBSRC funding – [register by 29 April.](#)***

21-22 June 2016: [Science supporting trust in food](#), at The Royal Society, London SW1Y 5AG, is now open for bookings. Two-day conference organised by the **Government Chemist**, bringing together scientists, regulators, enforcement agencies, industry and policy-makers to discuss food fraud, authenticity and safety. Keynote by Professor Sir Mark Walport, Government Chief Scientific Advisor.

21 June 2016: [N8 AgriFood Launch 2016: One Network, Many Solutions](#). University Place, Manchester. Provides a portal for industry to access not only the greatest concentration of agri-food academic expertise in the UK, but also major food producers and processors, retailers, farmers, government, investors and public health and nutrition specialists.

****23-25 June 2016:** [Cambridge Conference on Global Food Security](#), the Cambridge Global Food Security Initiative's flagship event, is now open for bookings. If you are attending the Conference and are interested in submitting a poster, please send a short abstract to Will Simonson (wds10@cam.ac.uk) **by 1 June 2016.** **

5-7 Sept 2016: [Global Food Security and Sustainability Conference 2016](#). Beijing, China, theme: 'Generating Sustainable Ideas to Feed the Future.'

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24-27 Oct 2016: [Engineering and Technology Innovation for Global Food Security](#). Cape Town Stellenbosch, South Africa. **Call for Abstracts deadline 2 May 2016.**

22-24 Nov 2016: **Food Matters Live**, ExCeL, London. The UK's first cross-sector event which brings together the food and drink industry, retailers, foodservice providers, government and those working in nutrition, health and sustainability. Food Matters Live provides a platform for thought-provoking, cross-sector debate and encourages cross-sector collaboration.

RECENT PUBLICATIONS

March 2016: **Independent and parallel evolution of new genes by gene duplication in two origins of C4 photosynthesis provides new insight into the mechanism of phloem loading in C4 species.** Emms DM, Covshoff S, Hibberd JM, Kelly S. (Molecular Biology & Evolution).

March 2016: **Management of invading pathogens should be informed by epidemiology rather than administrative boundaries.** Thompson RN, Cobb RC, Gilligan CA, Cunniffe NJ. (Ecological Modelling).

The Struggle for Food Sovereignty: Alternative Development and the Renewal of Peasant Societies Today. Edited by Remy Herrera and Kin Chi Lau. Pluto Press. Paperback 9780745335940 £19.99; Hardback 9780745335957 £70.

2016 Global Food Policy Report (International Food Policy Research Institute); free hard copies available by filling in details online. IFPRI's Flagship Report puts into perspective the major food policy issues, developments, and decisions of 2015 and highlights challenges and opportunities for 2016.

FUNDING OPPORTUNITIES

AHRC Networking Grants available to support forums for the discussion and exchange of ideas on a specified thematic area, issue or problem through, for example, a short-term series of workshops, seminars, networking activities or other events. The aim is to stimulate new debate across boundaries. Proposals should explore new areas, be multi-institutional and can include creative or innovative approaches or entrepreneurship. No deadline.

BioScience Impact Team Pump-Prime Funding Call: funding is provided from the BBSRC Impact Acceleration account and is open to any BBSRC-remit researcher at the University. This funding is intended to provide a short burst of pump-priming to projects in order to support a wide range of activities (max £10,000 per project). **Deadline: 5pm Thursday 21 April.**

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The **World Food Prize** is awarded for a specific, exceptionally significant, individual achievement at any point along the full range of the food production and distribution chain. It has come to be known as the "Nobel Prize for Food and Agriculture" and aims to recognize and inspire breakthrough achievements in feeding the world. This \$250,000 prize is awarded to individuals who have improved the quality, quantity or availability of food in the world. **Nominations due by 1 May 2016.**

The ERA-NET for monitoring and mitigation of Greenhouse gases from agri- and silviculture has launched a call for transnational research proposals under the ERA0NET Cofund scheme of Horizon 2020 of the European Commission. Indicative total budget €13.9 M. **Deadline for pre-proposals 3 May 2016.**

NERC: International Opportunities Fund. NERC is inviting proposals for Pump Priming and Pump Priming Plus grants to its International Opportunities Fund (IOF). The IOF scheme provides resources to NERC-supported researchers to allow them to forge long-term partnerships with overseas scientists that add value to current NERC-funded science. **Deadline 19 May 2016.**

Community Resource for Wheat Transformation This funding from NIAB provides capacity for **50 genes** to be transformed into wheat free of charge. Half of this resource is reserved for researchers working on model crops, to encourage early testing of novel genes in wheat. The remaining half of the resource is reserved for researchers working on UK cereal crops, wheat and barley. This project has been funded for 5 years by the BBSRC Bioinformatics & Biological Resources fund. **Deadline 31 May 2016.**

Cambridge-Africa is calling for applications to its Alborada Research Fund, open until 5 June 2016. This Fund was established in 2012 with generous support from The ALBORADA Trust, and supports pairs of researchers (post-doctoral level and above) from the **University of Cambridge** (or an **affiliated institution** such as the Wellcome Trust Sanger Institute and NIAB) and **sub-Saharan African institutions**, across **all disciplines**, to initiate and/or strengthen research collaborations. This is achieved by providing funding of **between £1,000 and £20,000**, for:

- **research costs** (such as reagents, fieldwork and equipment)
- research-related **travel** between Cambridge and Africa
- conducting research **training activities in Africa** (e.g. setting up courses/workshops).

UK Royal Society International Exchanges 2016

The Royal Society's International Exchanges Scheme makes grants to UK scientists who seek new international collaborations. The scheme covers all areas of the life and physical sciences, except clinical medicine. **Deadlines 07 June 2016 and 18 October 2016.**

Conservation, Food, and Health Foundation (CHF) Grants for Grassroots Development

The CHF Foundation makes grants to non-profit organisations worldwide for projects in conservation, sustainable agriculture, and health in developing countries. The average grant is approximately US\$20,000. **Deadline 1 July 2016.**

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BBSRC Flexible Interchange Programme (FLIP) awards. This grant supports the movement of people and exchange of knowledge / technology / skills, and developing bioscience research / researchers. **Deadline 17 August 2016.**

The Douglas Bomford Trust invites applications for its postgraduate research funding. This aims to advance knowledge, understanding, practice, competence and capability in the application of engineering and physical science to agriculture, horticulture, forestry, amenity and land based and biological activities for the benefit of the environment and mankind. Applications requesting over £1,500 will be considered. **Deadline 1 October 2016.**

COMPETITIONS AND WORKSHOPS

The University's Office of External Affairs and Communications has launched '**Public Engagement with Research Awards**' to recognise and reward those who undertake quality engagement with research. Winners will each receive a certificate, trophy and a personal cash prize of £1000 to be presented by the Vice-Chancellor at an Awards Ceremony in June 2016. **Applications close Monday 18 April 2016.**

18 April, 10am-12: Horizon 2020 calls with EU13: Twinning and Teaming Workshop. The next Teaming and Twinning calls will be published on 11th May with a deadline of 15th November 2016. The **University of Cambridge's Research Office and International Strategy Office** will be hosting an event to present information on these calls. [Register here.](#)

19 May 2016: Persuasive Scientific Report Writing. Royal Society of Biology, London, WC1N 2JU. 9-5pm. For writers of technical, scientific and other related reports or documents who wish to improve their report and general document writing skills.

Royal Society of Biology's Science Communication Awards 2016 now open for applications from researchers working in any sector of UK biosciences. Intended to reward outreach work by young scientists and established researchers, closing date 30 June 2016. Its **annual photography competition** is also now open for entries on the theme of *Biology: from Big to Small*. Top prize £1,000, closing date 31 August 2016. There's also a **Podcast production workshop** on 25 May in London.