

MAY 2016 NEWSLETTER

Dear Members and Subscribers,

This Saturday it's the [Festival of Plants](#) in Cambridge Botanic Garden, where the Garden shares and showcases the fascinating world of plant sciences. We'll be co-hosting a stall with CambPlants and talking to visitors about the benefits of eating local, seasonal fruit and veg. We hope you'll have chance to come along for a great day out!

If you're interested in seeing the latest innovations in agriculture, and meeting all the major agri-tech companies, researchers and funders, you may be interested in [Cereals 2016](#) at Chrishall Grange, near Duxford, on 15-16 June. **Cambridge's Bioscience Impact Team is organising free transport and entry to the event** for all University of Cambridge researchers currently receiving BBSRC funding, and you can [register here](#).

And of course, don't forget to register for the Cambridge Conference in Global Food Security on 23rd - 24th June 2016. See our website for the most up-to-date programme and speaker information and to [secure your place](#). 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**.

Cambridge Global Food Security is also now on Twitter: [@GlobalFood_Camb](#) so 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.

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 (Alison Richard Building, Cambridge) covering a wide range of issues that affect the food system. Next event: **17 May, 5-7pm, [Waste not: Overcoming the Food Waste Problem](#)** with Erasmus zu Ermgassen and FoodCycle Cambridge. Open to all.

17 May 2016: Agri-Tech East Special Interest Group meeting, **[A Sense of Place – Geomatics Meets Soil Management](#)**, Russell Smith Farms nr Duxford. ***The University of Cambridge is a member of Agri-Tech East so can benefit from the members' rate.***

19 May 2016: [Does the European Union need science advice?](#) Public Policy Lecture by Professor Dame Anne Glover, former Chief Scientific Adviser to the President of the European Commission (2012-2015). Murray Edwards College, Cambridge 5:30pm – 6:45pm followed by drinks (doors open at 5pm). [Register here](#).

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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.

8 June 2016: **Data Visualisation Seminar**. Visual communication of research is becoming increasingly relevant. Summarising findings in a clear manner is crucial to pass the message to all relevant audiences, from other researchers to policymakers. This seminar brings together renowned experts from the industry and academia, to show examples and talk about ways of improving the communication of data by visual means. 3pm in the Hopkinson Lecture Theatre, New Museums Site, Cambridge, all welcome, [please register](#).

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 here](#)

20 June 2016: **2016 PublicHealth@Cambridge Showcase** event on the Political Economy of Public Health, Murray Edwards College, Cambridge. [Register now](#) to secure your free place at this event and submit your abstract for a chance to pitch your project to the expert policy panel or present a poster in the lunchtime session.

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 July, FarmRound2016: a career afternoon in Agri-Tech, Queens College, Cambridge

30 Aug – 2 Sept, Ispra, Italy: **Evidence and Policy event on Water-Energy-Food nexus**: In a complex world, evidence-based policymaking can enhance the effectiveness of public policies. In this highly participatory evidence and policy event, participants will develop their working practices, skills, behaviours and methods, in both the scientific and policy-making domains via masterclasses and group work. **Early career researchers are encouraged; registration deadline 20 May 2016.**

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

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

David Nally (April 2016): **Against Food Security: On Forms of Care and Fields of Violence**, Global Society, DOI: 10.1080/13600826.2016.1158700. This article addresses recent changes to the policy landscape on global food security.

Tomás Seosamh Harrington, Jagjit Singh Srail, Mukesh Kumar & Josef Wohlrab (April 2016) **Identifying design criteria for urban system 'last-mile' solutions – a multi-stakeholder perspective**, Production Planning & Control, 27:6, 456-476, DOI: 10.1080/09537287.2016.1147099. The urban 'last-mile' in logistics and distribution systems is becoming increasingly complex and strategic for manufacturers as well as retailers.

Rachel Pechey, Pablo Monsivais (April 2016): **Socioeconomic inequalities in the healthiness of food choices: Exploring the contributions of food expenditures**. Preventive Medicine 88 (2016) 203–209. This study aimed to explore the extent to which food expenditure mediates socioeconomic inequalities in the healthiness of household food choices.

Andrew Balmford et al (April 2016): **Filling in biodiversity threat gaps**. Science 22, Vol 352, Issue 6284, pp.416-418. DOI: 10.1126/science.aaf3565. Only 5% of global threat data sets meet a 'gold standard'.

Pollination Services to Agriculture: Sustaining and enhancing a key ecosystem service, Edited by Barbara Gemmill-Herren. Routledge, 2016. Dr Lynn Dicks, Cambridge University Zoology Department, wrote chapter 13, along with colleagues from the Xerces Society, USA: *Developing Incentives for Farmers to Support Pollinators: Contrasting Approaches from Europe and the United States*.

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FUNDING OPPORTUNITIES

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.**

Call for Nominations for the Kuwait Foundation for the Advancement of Sciences **Al Sumait Prize for African Development in Food Security**, from individuals and institutions who, through their work and innovations have made significant contributions to food security in Africa. **Prize US \$1 million. Deadline 31 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.**

The **Cambridge Conservation Initiative's Collaborative Fund** is currently open for applications, with grants of up to £75,000 available for innovative, collaborative projects by CCI partners. Every project should address a high priority biodiversity conservation issue and include some combination of research, education, policy and practice. **Deadline 16 June 2016.**

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

The CFH 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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Public Engagement Seed Fund: A new opportunity for University of Cambridge researchers to apply for grants of up to £3,000 to undertake innovative, research-focused public engagement activities. **Deadline Friday 1 July 2016.**

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.**

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.

COMPETITIONS AND WORKSHOPS

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.

21-26 June 2016: BIOHACKATHON A once-in-a-lifetime opportunity to spend a week at the University of Cambridge learning and creating with Synthetic Biology. Participants spend four days in synthetic biology lab with access to hardware, software and bioware prototyping tools and then pitch their solution at the annual Technology Ventures Conference. Judges from industry decide on the most novel solutions and the winning team gets £1,500. The most commercial solution will be offered a place on the Accelerate-Cambridge program hosted by the Judge Business School. **Application deadline 30 May 2016.**

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.