

JUNE 2016 NEWSLETTER

Dear Members and Subscribers,

One final reminder that if you haven't yet booked your place for our **Cambridge Conference in Global Food Security** on 23rd - 24th June 2016, tickets are now selling fast! If you're planning on coming please make sure you [book online](#) by 17th June at the latest.

All Members have now received a **Member Questionnaire**. Chris, Howard and I will be using the answers to accurately map the current strengths across the Initiative, allowing us to be even more effective in helping you build collaborations to develop your work, and in bringing the most relevant opportunities to your attention. Please remember to return your completed questionnaire to me by 30th June 2016.

I'm also starting to build an online collection of tools and videos as a central resource for the Global Food Security community. Please let me know if you've developed anything you'd like to share, for example an interactive modelling tool, or have been captured on film or podcast talking about your work recently. And as always please contact me at any time with news you'd like to share or events you'd like promoting.

Best wishes, Jacqueline Garget

jg533@cam.ac.uk
www.globalfood.cam.ac.uk
[@GlobalFood_Camb](#)

EVENTS AND TALKS *(those taking place in Cambridge are in blue)*

13 June 2016: [Research Ethics Workshop](#) 3-5pm, Mill Lane Lecture Theatre 1, open to all members of the University of Cambridge. Talks by Professor Alan Blackwell, (Professor of Interdisciplinary Design, Computer Laboratory) and Dr Lydia Drumright, (University Lecturer in Clinical Informatics, Department of Medicine), will be followed by a Q&A session with members of the University Research Ethics Committee. Contact [Dr Rhys Morgan](#) to book a place.

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.

21-22 June 2016: [Science supporting trust in food](#), at The Royal Society, London, 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.

21-22 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.

EVENT POSTPONED: 2016 [PublicHealth@Cambridge Showcase](#) event on the Political Economy of Public Health, Murray Edwards College, Cambridge.

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****23-25 June 2016: [Cambridge Conference on Global Food Security](#)**, the Cambridge Global Food Security Initiative's flagship event, is open for bookings until 17th June.

5 July 2016: [FarmRound2016: a career afternoon in Agri-Tech, Queens College, Cambridge](#)

6 July 2016: [Innovation showcase](#) – tap into the latest research to improve food security and nutrition, 1pm-4:30pm, Campden BRI (co-hosted by BBSRC). Presentations from eight world-leading academic researchers will highlight research and innovations in plant genetics, crop breeding, biochemistry, food science, nutrition and applied psychology, to help meet the challenges of reliably delivering a safe and secure supply of nutritious food.

7 July 2016: [Tech For Good Cambridge Meetup 05](#) 6:30-8:30pm, Future Business Centre, Cambridge. The theme for this month will be #techforgood in farming and agritech.

1-2 Aug 2016: [Oxford Symposium on Population, Migration and the Environment](#). Rothermere American Institute, Oxford, with principal speaker Robert Rowthorne, Emeritus Professor of Economics, University of Cambridge. Will cover a broad agenda involving economics, education, environmental studies, agriculture, law, political science, religion, and social studies.

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

22 Sept 2016: [Are Neonicotinoids Killing Bees?](#) SCI, London. Event designed to appeal to academic and industrial scientists involved in all aspects of crop research and production, and ecosystem services including pollination. **Poster, abstract and early bird deadlines 29 July 2016.**

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

9 Nov 2016: [REAP Conference 2016, Innovation for an Agricultural Revolution](#). Wellcome Genome Campus, Hinxton. Part of Agri-Tech Week 2016 (7-11 Nov). With a start-up showcase sponsored by RoCRE Rothamsted, and speakers including Cambridge's Prof Sir David Baulcombe, and CEO of NIAB Tina Barsby.

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

[Transgenic animals resistant to infectious diseases](#). Tiley L, (Apr 2016). *Rev Sci Tech* 35(1):121-132.

[The global antigenic diversity of swine influenza A viruses](#). Lewis NS, Russell CA, Langat P, Anderson TK, Berger K, Bielejec F, Burke DF, Dudas G, Fonville JM, Fouchier RA, et al. (2016) *Elife* 5.

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[Does neighborhood fast-food outlet exposure amplify inequalities in diet and obesity? A cross-sectional study.](#) Thomas Burgoine, Nita G Forouhi, Simon J Griffin, Søren Brage, Nicholas J Wareham, and Pablo Monsivais. (May 2016) *Am J Clin Nutr.*

[How can GPS technology help us better understand exposure to the food environment? A systematic review.](#) Andreea Cetateanu, Andy Jones. (2016) *SSM Population Science.*

[Genetically modified \(GM\) plants: questions and answers](#) Cambridge's Ottoline Leyser and David Baulcombe contributed to this new Royal Society Report (May 2016).

A group of PhD students and postdocs affiliated with the European Network for Political Ecology have produced a new free online book on [Political Ecology for Civil Society](#) - an emerging interdisciplinary approach to studying human-environment interactions.

[Barriers to Healthy Food:](#) Researchers from the University's dietary public health research programmes, including Jean Adams, Pablo Monsivais, Martin White and Theresa Marteau, provided evidence and expertise for this new **POSTNote** from the Parliamentary Office for Science and Technology. POSTNotes are summaries of policy issues for Members of Parliament, based on research literature reviews and interviews with stakeholders from across academia, industry, government and the third sector.

[Big Picture: Plants](#) The Gatsby Plant Science education team in Cambridge's Botanic Garden has collaborated with the **Wellcome Trust** on this Plant-focused edition of its magazine, to be sent out to all UK schools and colleges teaching post-16 biology. It provides an accessible introduction to many plant science topics relevant to global food security, with contributions from Cambridge researchers including Howard Griffiths' group.

FUNDING OPPORTUNITIES

Global Challenges Research Fund: Foundation Awards for Agriculture and Food Systems Research

The Fund, involving BBSRC, MRC, AHRC, ESRC and NERC, was created to ensure that UK research takes a leading role in addressing the problems faced by developing countries. **Foundation Awards of up to £600,000** are available for **multidisciplinary research**. ***Members of the Cambridge Global Food Security Initiative thinking of applying are asked to contact [Jacqueline Garget](#), who can help you find the collaborators you need across the University for a multi-disciplinary proposal, and let you know of other similar proposals in preparation – you may want to join forces with others, or work to differentiate your bids**.* **Expression of Interest deadline 4pm 22 June 2016.**

Towards a Sustainable Earth: The Environment-Human Landscape Open Opportunity from NERC, ESRC and The Rockefeller Foundation. £160,000 contract available for an individual or team to produce a synthesis of past and current research and innovation relating to the policy landscape surrounding the environment-human relationships and systems that interact across the UN Global Goals. **Closing date for applications 24 June 2016.**

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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 extended to 30 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.**

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.**

Genome editing and the future of farming – sponsorships for early-career researchers.

The BBSRC is inviting applications for funding to attend this event at the Roslin Institute on 6 Sept 2016. The event is in the field of food security and the livestock sector, particularly in the genetic techniques to improve livestock and the regulatory issues surrounding these new technologies. **Deadline 6 July 2016.**

Priming Food Partnerships – a multi-research council call aiming to foster new partnerships in pre-competitive research between the food industry, academia and the wider research base in the public and third sectors to work together on pre-competitive research, with the ultimate aim of stimulating innovative research and technological advances of relevance to the food industry. **Expressions of interest due 4pm, 13th July; Sandpit workshop 19-21 Sept 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.**

African Union, ET invites proposals for projects up to \$1,000,000, which aim to eradicate hunger and ensure food and nutrition security, by using science and technology research to contribute to Africa's poverty reduction strategies, economic growth and social development efforts. Applications must involve a partnership of at least three organisations, including two African countries. **Deadline 17 Aug 2016.**

Crops for Human and Farmed Animal Nutrition BBSRC welcomes proposals addressing a range of UK and globally relevant research questions. In particular applications are encouraged that address this challenge in crops relevant to developing countries, and those working in collaboration and/or consultation with the food industry. **Deadline 21 Sept 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

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biological activities for the benefit of the environment and mankind. Applications requesting over £1,500 will be considered. **Deadline 1 October 2016.**

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. **Deadline 18 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/ WORKSHOPS/ OTHER OPPORTUNITIES

Impact Hub Launch: Cambridge Community Event. Learn how you can adapt your mindset to get the most out of team working. An interactive session to help generate new perspectives and come up with new solutions to Food Challenges presented by [Foodcycle Cambridge](#), and food activist & bug-eater Peter Bickerton. **29 June 2016, 7-9pm**, Hot Numbers Café, Gwydir Street, Cambridge.

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**.

Thought For Food Challenge calls on the world's best and brightest university students to form teams and develop breakthrough projects that address the global challenge of feeding 9 billion people by 2050. In return, you receive cutting-edge learning tools and resources, world-class mentorship from experts, innovators and entrepreneurs, the chance to win a trip to the inspirational TFF Global Summit as well as significant funding (up to \$10,000) for your project. **Sign up by 1 Dec 2016.**

The Crunch – sign up to become an ambassador for the Wellcome Trust's new initiative, which aims to inspire everyone to consider the connections between our food, our health and our planet. It also wants to encourage conversations to help researchers and policymakers listen to what the UK thinks about these issues. The Crunch is linked to wider work by the Wellcome Trust, supporting collaboration and research to help us all understand more about these connections. Find out more about [Our Planet, Our Health](#).

Cambridge Sustainable Food is looking for volunteers and interns to help with their work in Cambridge. CSF is a network of individuals and organisations who support local sustainable food and run a wide range of local events and activities.