

NOVEMBER 2016 NEWSLETTER

Dear Members and subscribers,

Our first interdisciplinary Speed Networking event for early career researchers was held on 27th October and was a great success, bringing together early career researchers from eight departments and institutes across the University with interests in global food systems. Thank you to all who took part, and for those who missed out there will be more opportunities to get involved soon.

Following my request for film footage of Initiative Members talking about their work, we now have a dedicated [new page](#) on the website – please take a look to find out what people are up to, and feel free to contact them directly if you want to know more. And if you'd like to contribute a film, or be filmed, please get in touch.

And as always, please continue to send me news of relevant events, publications and anything else you'd like promoting across the network.

Best wishes, Jacqueline Garget

jg533@cam.ac.uk

www.globalfood.cam.ac.uk

[@GlobalFood_Camb](#)

EVENTS (those in Cambridge are in blue)

7-11 Nov 2016: Agri-Tech Week 2016. Showcasing the best of innovation from the thriving Agri-Tech Cluster, with a range of events certain to stimulate debate and create new market opportunities including: **Talking Shop – using and reducing waste from fresh produce; Visit to Aspell: Innovation In Practice; and REAP Conference 2016**, 'Innovation for an Agricultural Revolution'. Wellcome Genome Campus, Hinxton.

10 Nov 2016: The Living Laboratory for Sustainability. Talk by Emily Dunning, 11am, Room 2.49 David Attenborough Building, Cambridge. A UCCRI Early Career Researcher Programme event for Cambridge researchers, followed by a networking lunch. [Register](#) to attend.

12 Nov 2016: Providing for the Planet without Costing the Earth. OUNCS and Oxford Martin School symposium focusing on ecosystem services including food security, sustainable fisheries, and green forestry.

16 Nov 2016: Venturefest Yorkshire – Special Session on Agri-Food. This one day festival has a remit to nurture business growth in the region by helping innovators develop their ideas and helping entrepreneurs get investment.

16 Nov 2016: Livestock: the key in a circular bioeconomy. Animal Task Force 6th Seminar, Brussels.

16 Nov 2016: Next steps for tackling obesity: prevention, sugar consumption and policy priorities. Scotland Policy Conferences, Edinburgh.

22-24 Nov 2016: Food Matters Live, ExCeL, London. Addressing the political, social and economic issues surrounding the complex and challenging relationship between food, health and nutrition. 70 leading figures from across government, industry, science and health join renowned commentators and chefs to explore the drivers for increasing the availability and consumption of nutritious food and drink, while also making the important connections between diet, population health and a sustainable, resilient food system. **A great opportunity to gather ideas and identify potential new research collaborators.**

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23 Nov 2016: Annual Public Health Conference & Lecture organised by the Cambridge Institute of Public Health, examining the interface between infectious diseases and non-communicable diseases. It will be followed by the annual lecture, delivered by Professor Dame Sally Davies, Chief Medical Officer for England. [Reserve your free place.](#)

25 Nov 2016: Italian Policy of Food Safety: Modern Challenges - POSTPONED Dr Giuseppe Ruocco, Vice-Minister, Health Ministry of Italy, 4-6pm, Little Hall, Sedgwick Site Cambridge.

29-30 Nov 2016: Sensors in Food and Agriculture, Moller Centre, Cambridge.

1 Dec 2016: Policy Priorities for the UK Food, Drink and Farming Industry, London. Westminster Food & Nutrition Forum with keynote address from Sarah Church, Director, Food & Farming, DEFRA.

5-6 Dec 2016: Chatham House: A Sustainable Food Future 2016, Royal Society of Arts. The annual Chatham House food conference will address the specific challenges that need to be overcome to improve sustainability and food security, deliver carbon reductions in the food system, and the role of policy, industry and civil society in achieving these goals.

12-13 Dec 2016: Natural variation as a tool for gene discovery and crop improvement. Gonville and Caius College, Cambridge. **International** workshop with a world leading programme of speakers across eight plenary sessions.

12-14 Dec 2016: Cambridge Conference on Catastrophic Risk 2016: Managing Emerging Risks – Where Next? Call for papers: Deadline 18 Oct.

14 Dec 2016: Agri-Tech East Christmas Pollinator. Royal Norfolk Agricultural Association, Norwich. Hear from experts from the plant breeding, agronomy and agri-engineering industries about what they would like to see being routinely adopted by farmers and growers to help make them more profitable, productive and sustainable. Chaired by Robert Sheasby, Regional Director, National Farmer's Union.

14-15 December 2016: 27th Annual Cambridge Potato Conference. Robinson College, Cambridge. This unique potato conference provides the opportunity to join the foremost industry innovators and scientists to interact and debate current issues.

18-20 Jan 2017: Rothamsted Open Innovation Forum Harpenden. This new initiative is designed to accelerate collaboration for the developing of game-changing innovation addressing global food and nutrition security challenges. 300 high-level industry experts will come together at Rothamsted Research to work collaboratively on cutting-edge solutions to issues spanning the entire agricultural ecosystem, from pre-farm gate to consumers' plates.

24 Feb 2017: Meeting of Minds for Infectious Diseases: Cambridge Infectious Diseases SRI annual event. Contact Coordinator [Dr Allyson Walsh](#) if you have an idea for a talk you would like to give; topics could include, but are not limited to, advances in vector born disease research, microbial populations and anti-microbial resistance, vaccines and immunization, global ecohealth.

7 March 2017: Interdisciplinary Food Systems Training to Address Global Food Challenges Talk by Professor John Ingram, IFSTAL and the University of Oxford. 6-8pm, Sainsbury Laboratory, Cambridge. This Ralph Melville Memorial Lecture 2017 will be followed by a drinks reception. Book your free place [here](#).

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7 March 2017: Food & Health Forum: Technology & Innovations in Food and Health, Royal Society of Medicine, London. [Email](#) to register your interest.

16 May 2017: Transfer of Crop Research Knowledge to Small Farmers 1-6pm, Sophi Taylor Building, NIAB, Histon, with talks by Dr Tinashe Chiurugwi (NIAB International) and Dr Peter Emmrich (John Innes Research Centre). Tropical Agriculture Association East Anglia seminar in collaboration with NIAB, CambPlants Hub, and Cambridge Global Food Security Initiative. [Register here](#) for seminar and short tour of the greenhouses at NIAB's Innovation Farm, Histon.

16-20 July 2017: 11th European Conference on Precision Agriculture. Edinburgh. Abstract deadline 12 Oct 2016.

RECENT PUBLICATIONS

[Contact me](#) if you are an Initiative Member and would like support in promoting your new publication.

Hibberd JM, Furbank RT. (2016) [In retrospect: Fifty years of C₄ photosynthesis](#). **Nature**. Half a century after the discovery of a plant photosynthetic pathway termed C₄, researchers are working to engineer this efficient pathway into crops such as rice to maintain food security.

FUNDING OPPORTUNITIES

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

UK-South Africa partnership grants to address antimicrobial resistance (AMR). The South African Medical Research Council and the UK Medical Research Council (whose contribution is provided by the UK's Newton Fund) have announced R9 million funding to foster innovation in addressing AMR, for research partnerships between South African and UK researchers. Can also include work in other sub-Saharan African countries. **Deadline 2 Dec 2016.**

Validation of Diagnostic Tools for Animal and Plant Health. Up to €3M from Horizon 2020 to harmonise and validate existing and new protocols for the detection and quantification of pathogens and other factors of concern for the health of plants and terrestrial animals, and correlates of infection/immunity. **Deadline 14 Feb 2017.**

Agri-Food Innovation in Turkey Innovate UK will invest up to £1.5M for UK participants developing innovative solutions to challenges within the agri-food sector in Turkey including:

- using waste by-products and residues from the Turkish agri-food industry
- improving agricultural productivity of SME farmers through upgrading agricultural technology
- improving animal and plant breeding within Turkey

You can contact potential partners via the [online partnering platform](#) and watch the [recording of the briefing webinar](#). **Registration deadline: noon 16 Nov 2016. Application deadline: noon 23 Nov 2016**

Agri-Tech Catalyst, Innovate UK Funding Competition. UK businesses and universities can apply for a share of £4 million to work with developing country partners on agri-tech innovations – a good opportunity to explore technology transfer to a new market. **Deadline for expressions of interest 25 Jan 2017; application deadline 1 Feb 2016.**

Louis Malassis international scientific prize for Agriculture and Food, Agropolis Foundation. Three prizes of €20,000 to recognize individuals or groups who have, through research, development or capacity building,

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promoted innovation in order to improve food and agricultural systems sustainably and address food security and poverty reduction. **Closing date 25 Jan 2017.**

Olam prize for innovation in Food Security, Agropolis Foundation. Prize of USD 50,000 to recognize an innovation and its potential impact on the availability, affordability, accessibility and adequacy of food. **Closing date 25 Jan 2017.**

H2020: Sustainable Food Security – Resilient and Resource Efficient Value Chains

€280.5M is available across a variety of topic areas in crop and livestock production and aquaculture.

Deadline 14 Feb 2017

Healthy diet in early years: NIHR Public Health Research Programme. **Deadline 25 April**

The Knowledge Transfer Network, sponsored by Innovate UK, has launched two new tools, an **Agri-Food UK Landscape** and an **Agri-Food Timeline**, to highlight innovation, funding and support in the UK's agri-food sector.

WORKSHOPS and COMPETITIONS

Oct 2016 onwards: Early Career Programme: Interdisciplinary Conservation Research University of Cambridge Conservation Research Institute's new programme for graduates and postdocs, created to encourage collaboration across a wide range of disciplines through shared skills workshops, seminars and talks. Registration is required; events are open to Cambridge postdocs and graduates from any discipline whose research is conservation-related, or who would like to meet researchers working in conservation.

How Do We Teach Climate Change? Reading Group. 11:00 12 Nov 2016, Faculty of Education, Cambridge. Join the third meeting of this reading group dedicated to exploring how we can shape effective education and public policy to meet the challenges posed by climate change. Policy practitioners, activists, and researchers with an interest in climate change and education, communication or behaviour change are welcome.

Thought for Food Challenge is accepting signups from students now! It 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 up to \$10,000 for your project. **Sign up by 30 Nov 2016**, with final business ideas due on 8 Jan 2017.

OTHER OPPORTUNITIES

Generating Impact from your research via Parliamentary Engagement

A great way to help generate impact from your research, and to help ensure that your findings and expertise can benefit people on the ground, is to respond to relevant policy consultations. See these [top tips](#) from the Cambridge Institute of Public Health **Top Tips: How Can Your Research Impact Policy?** To **contribute research evidence to parliament**, view open Committee inquiries [here](#).

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Post-doctoral Research Associate required to review and analyse the handling of conflicts of interest between dietary public health researchers and the food industry, and map stakeholders and food industry actors. **Deadline: 23 November 2016.**

Cambridge Sustainable Food Hub launched their crowdfunding campaign with a film and networking event at the Maxwell Centre on 4th November, co-hosted by the Global Food Security Initiative. [Find out more](#) and get involved.