

MARCH 2018 NEWSLETTER

Dear members and subscribers,

Our **GCRF-funded TIGR²ESS programme**, which aims to address some of India's most pressing food security challenges, was launched in New Delhi last month. Cambridge's Professor Howard Griffiths, the programme's principal investigator, said: "*This unprecedented programme of joint activities will enable capacity building both in the UK and India, and shape the policy needed to define a second Green Revolution for India.*" Read the [press release](#) and visit the [new website](#) to find out more.

Dr Pablo Salas is our featured researcher this month. [Click here](#) to read about his work on the Food-Water-Energy nexus in Brazil, and to find out why dietary changes in China are indirectly affecting deforestation in Brazil.

The **2018 Cambridge Science Festival** is now underway, and tickets are still available for the [Science Festival Dinner](#) on Saturday 24 March at Leckhampton House, Corpus Christi College. This is open to all, and in addition to a delicious three-course meal you'll have the chance to hear from researchers from the Cambridge Global Food Security network.

Please continue to contact me with any relevant information you'd like to be included in future newsletters. Best wishes, Jacqueline Garget

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CAMBRIDGE EVENTS

12-25 March: [CAMBRIDGE SCIENCE FESTIVAL 2018](#)

PUBLIC EVENTS – BOOKING REQUIRED FOR MOST EVENTS

Our food security-related events are [listed here](#).

23-25 March: [Venture Creation Weekend: Innovation in Food Security](#). Co-organised by the Cambridge Food Security Forum. For students, postdocs, professionals and researchers working on emerging technologies and innovations in Food Security. Learn how to translate your idea into a venture as part of a startup team. **Cambridge Judge Business School. Apply now.**

5 April: [Global Food Security Early Career Networking](#). Are you a Cambridge PhD student or post-doc interested in global food systems? [Register now](#) for our networking event. **4:00-5:30pm, McDonald Institute, Cambridge.**

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16-18 April: [Crossing Kingdoms: an international synthetic biology symposium](#). Sainsbury Laboratory. Register now.

24 April: [DEFRA Agri-Tech Workshop – Have Your Say](#). Sainsbury Laboratory. An Agri-Tech East event for everyone with an interest in agri-tech to help shape the future delivery of funding. Register now.

9 May: [Improving rural livelihoods by reducing crop losses](#). 1:30-5:00pm, David Attenborough Building. Speakers Dr Philip Taylor (CABI) and Dr Luke Braidwood (Cambridge). Register now.

OTHER EVENTS

16-17 April: [2018 Conference on Food and Poverty](#). King's College London.

25 April: [City Food Policy Symposium – Connecting people with food policy](#). London.

27-28 April: [Zero Hunger](#). III World Summit of Regions on Food Security & Sovereignty. Ecuador.

14-16 May: [Plant Environmental Physiology Group Annual Early Career Symposium](#). Norfolk Coast. Keynote talks from Dr Gill Malin and Prof Andrew Watkinson (UAE), guided botanical coastal walk, research & poster presentations by early career researchers. Register by 15 April.

23 May: [AgriScience Young Innovators Forum 2018: Leading Change Through Innovation](#) The Morley Agricultural Foundation, Wymondham. Explore how young scientists and farmers can work together to improve the agriculture industry and meet the global food challenges of the future.

Events listed in previous newsletters are detailed on our [website](#).

RECENT PUBLICATIONS

Contact me if you are an Initiative Member and would like support in promoting your new publication.

Thompson RN *et al.* [Control fast or control smart: When should invading pathogens be controlled?](#) Feb 2018, *PLoS Comput Biol*. Involving IRC members Prof Chris Gilligan and Dr Nik Cunniffe.

Crockett RA *et al.* [Nutritional labelling for healthier food or non-alcoholic drink purchasing and consumption](#). Feb 2018, *Cochrane Database Syst Rev*. Involving IRC members Prof Theresa Marteau and Dr Gareth Hollands.

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Glennon EE *et al.* [Domesticated animals as hosts of henipaviruses and filoviruses: A systematic review.](#) Mar 2018, *Vet J.* Involving IRC members Dr Olivier Restif and Prof James Wood.

Ledwoch A *et al.* [The moderating impact of supply network topology on the effectiveness of risk management.](#) Mar 2018, *IJPE.* Involving IRC member Dr Alexandra Brintrup.

Also of interest:

Channel 4 FactCheck: [FatCheck: will the government's calorie cuts work?](#) Cambridge's Nita Forouhi (MRC Epidemiology Unit) discusses the government's calorie control strategy to help the nation lose weight.

[2Blades Foundation adds support to fight against maize lethal necrosis disease.](#) An interview with Cambridge's Dr Luke Braidwood about his work in Kenya.

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](#).

[GCRF Networking Grants](#) – second round now open; awards of up to £25,000 to support collaborations between developing countries and UK, and to hold networking events aimed at addressing global challenges. **Deadline 21 March, 5pm.**

[Hamied Foundation UK-India AMR Visiting Professorships.](#) Supports short visits to facilitate collaboration between researchers in the field of antimicrobial resistance in the UK and India. **Deadline 6 April, 4pm.**

[BBSRC Super Follow-on Funding](#) to support translation of research funded by the Council into practical application, including commercialisation. **Deadline 11 April, 4pm.**

[AHDB: Student research bursaries.](#) For recent postgrads or postdoctoral researchers working on current AHDB Cereals and Oilseeds-funded projects to conduct a short research project, supervising an undergraduate student. £4,000 for 10-week projects. **Deadline 16 April, noon.**

[NERC Knowledge Exchange Fellowships](#) to enable sharing/ flow of knowledge between NERC-funded researchers and their user communities. 100% salary (pro-rata basis) + £40,000 for travel and other costs, over one to three years. **Deadline 17 April, 4pm.**

[Bill & Melinda Gates Foundation: Affordable, accessible and appealing – the next generation of nutrition.](#) Supports the development of innovative technologies to enhance the availability and accessibility of affordable nutritious foods for low-income consumers. Phase I: up to \$100,000; Phase II up to \$1m. **Deadline 2 May.**

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[Bill & Melinda Gates Foundation: Tools and technologies for broad-scale disease surveillance of crop plants in low-income countries.](#) Phase I: up to \$100,000; Phase II up to \$1m. **Deadline 2 May.**

EU Directorate-General for Health & Food Safety: [Environmental monitoring of pesticide use through honeybees](#) **Deadline 15 May, 5pm.**

The **[African Union Commission](#)** invites proposals for research on food, nutrition security and sustainable agriculture, for collaborative research addressing critical issues facing African countries. Grants \$500,000 - \$1m for two to three years. **Deadline 22 May, 5pm.**

COMING SOON:

Joint call for proposals on the relationship between food, nutrition and health research in Peru. Total budget available £2.5 million. In advance of the call, the funders are holding a **[workshop in Peru](#)** to discuss the key research challenges and explore UK-Peruvian opportunities for collaboration. **Deadline for expressions of interest 15 March.**

[NERC: Global Partnerships Seedcorn Fund 2018](#) to support UK environmental science researchers in establishing new collaborations with international partners.

All open funding calls are detailed on our [website](#).

WORKSHOPS AND COMPETITIONS

[EIT Cross-KIC Business Idea Competition.](#) If you have a unique business idea across food, health or raw materials and want to improve your entrepreneurial skills, get engaged with Europe's largest innovation networks to take your idea to the next level. **Prize up to €10,000. Deadline 31 March.**

ONLINE COURSES

Free: [Sustainable Development Goal Indicators](#) by the **Food and Agriculture Organisation** of the United Nations. Learn about how to estimate SDG indicators, data sources and methods for data collection, and more, on topics including '*Equal tenure rights for women on agricultural land*' and '*Level of water stress*.'

Free: [Environmental Justice MOOC](#) by the University of East Anglia. Understand how climate change, biodiversity loss and deforestation affect people, exploring justice in environmental management.

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Free: [UK Parliament Explored: the Work and Role of Select Committees.](#)

POLICY-MAKING

DEFRA Consultation: The future for food, farming and the environment. Leaving the EU and the CAP will give us the chance for reform. DEFRA wants to know your thoughts on the future of agricultural policy in England. **Consultation closes 8 May.**

The UK Government Office for Science has produced '**Areas of Research Interest documents**' outlining the most important research questions facing government departments, intended as a means of engaging academia so that policy-making can be informed by the best scientific evidence. Cambridge researchers can [contact](#) the [Cambridge Centre for Science and Policy](#) for help engaging with specific Government departments.