

NOVEMBER 2018 NEWSLETTER

Network News

Professor Chris Gilligan, Co-Chair of Cambridge Global Food Security IRC, has been [awarded a Gates Foundation Grand Challenges Explorations grant](#) for an 'Integrated platform for effective surveillance'. His project aims to help small-holder farmers make better informed decisions for cost-effective pest and disease control, at local and regional scales.

This month Jacqueline Garget [interviewed Dr Payam Mehrshahi](#) in Cambridge's Department of Plant Sciences. Payam is working with microalgae to generate a new source of nutrition that could significantly relieve the pressure on agricultural land.

In our public discussion on '**Food Supply in an Uncertain Future**' at October's Festival of Ideas, three Cambridge experts discussed how societies dealt with agricultural crises in the past, and how we're preparing to survive a very different future. Cambridge Research Associate Kartika Shetty has written a [summary of the discussions](#).

The Cambridge-based [Global Diet and Activity Research](#) (GDAR) group and network's website is now live. Working with partners in Africa and the Caribbean, GDAR will generate evidence on the factors that lead to poor diet and physical inactivity, design and evaluate interventions, and model the long-term health and economic effects of such interventions.

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CAMBRIDGE-BASED EVENTS

21 Nov: Workshop and funding: [Addressing Nutrition Challenges in Developing Countries](#), Maxwell Centre, Cambridge. Hear from guest speakers and compete for seed funds to trial interdisciplinary project ideas. **Open to Cambridge researchers** – final days to register.

26 Nov: [The GMO Controversy](#). Talk by Kate Creasey, Grow More Foundation. 3pm-4pm, Large Lecture Theatre, Department of Plant Sciences, Cambridge.

27 Nov, 5:30pm: CSaP [Dr S T Lee Public Policy Lecture 2018](#), Peterhouse. Prof K Vijay Raghavan (Principal Scientific Advisor to the Government of India), 'Science, the fulcrum for social and economic change in India'. **Register.**

28 Nov: [Cambridge Global Challenges Annual Conference](#), St John's College. Open to Cambridge researchers. **Register by 18 Nov.**

WORLDWIDE EVENTS

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[Precision Agriculture](#) 3-4 Dec 2018, Keele University (Register by 25 Nov). Bursaries for PhD students are available.

***University of Cambridge/ EIT Food partners only*:** [Networking events to prepare for the 2019 funding round](#). Grants of £100k - £1m for projects that aim to transform the European food system, driving consumer confidence and improved global health. 4 Dec (London); 11 Dec (Leuven); 22-23 Jan (Turin). Contact [Mercedes Hernandez-Gomez](#) if you would like to attend an event.

[Oxford Farming Conference](#). 2-4 Jan 2019, Oxford.

[Mimic, Harness or Borrow: Applying Nature's Chemistry Set to Agriculture](#). 15 Jan 2019, Norwich. An Agri-Tech East Pollinator event, free for members (Uni of Cambridge is a member).

[The Three Rs of Plant and Animal Diagnostics: Rapid, Reliable and Robust \(Enough\)](#). 13 Feb 2019, Cambridge. An Agri-Tech East Pollinator event, free for members (Uni of Cambridge is a member).

[Climate change and agriculture: all you need to know in a day](#). 6 March 2019, London.

IAMO Forum 2019 [Small farms in transition – how to stimulate inclusive growth?](#) 26-28 June 2019, Germany.

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

PUBLICATIONS

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

RESEARCH PAPERS

[When defining boundaries for nexus analysis, let the data speak](#). Oct 2018, *Resources, Conservation and Recycling*. Involved IRC member **Keith Richards**.

[Voluntary policies on checkout foods and healthfulness of foods displayed at, or near, supermarket checkout areas: a cross-sectional survey](#). Oct 2018, *Public Health Nutr*. Involved IRC member **Jean Adams**.

[Communicating quantitative evidence of policy effectiveness and support for the policy: three experimental studies](#). Oct 2018, *Soc Sci Med*. Involved IRC members **James Reynolds** and **Theresa Marteau**.

[Impact of proximity of healthier versus less healthy foods on intake: a lab-based experiment](#). Oct 2018, *Appetite*. Involved IRC members **Gareth Hollands** and **Theresa Marteau**.

[Whole genome sequencing for determining the source of *Mycobacterium bovis* infections in livestock herds and wildlife in New Zealand](#). Oct 2018, *Front. Vet. Sci*. Involving IRC member **James Wood**.

FEATURES

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[“With this vial, we could potentially feed the entire planet.”](#) Feature article on **Dr Mark Kotter** in Cambridge’s Department of Clinical Neurosciences, who is using stem cells to grow meat in the lab.

[Waste not want not: What are the problems of food waste in the supply chain and how can we fix them?](#) **Dr Ciara Dangerfield** discusses the outputs of her Global Food Security funded workshop.

FREE BOOK

[Alternative Futures: India Unshackled](#) edited by Ashish Kothari and K.J.Joy. A collection of essays in India’s future by diverse authors, covering Ecological Futures, Political Futures, Economic Futures and Socio-Cultural Futures.

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](#).

[Novel technologies, solutions and systems to reduce the greenhouse gas emissions in animal production systems.](#) **Deadline 3 Dec 2018.**

***University of Cambridge/Sanger/Babraham/NIAB applicants only*:** [Cambridge-Africa ALBORADA Research Fund](#). Grants of £1,000-£20,000 for research, travel or training activities, involving pairs of researchers from Cambridge and sub-Saharan African institutions, across all disciplines. **Deadline 31 Dec 2018.**

H2020 Calls. Deadlines: 23 January 2019.

- [Agri-Aqua Labs](#).
- [Alternative proteins for food and feed \(incl. plant-based proteins, micro-organisms, algae and plankton\)](#).
- [Climate-smart and resilient farming](#).
- [Food Systems Africa](#).
- [New and emerging risks to plant health](#).
- [ERANETS in agri-food](#).
- [Sustainable Intensification in Africa](#).

TRAINING OPPORTUNITIES

EIT Food is funding several new MOOCs (Massive Open Online Courses) open to all – learn at your own pace, anytime, anywhere:

[Trust in Our Food: Understanding Food Supply Systems](#) Free MOOC from EIT Food and University of Reading, started 22 Oct 2018 but accessible any time until March 2019.

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[Understanding Different Diets: Mediterranean, Baltic sea, and Okinawa](#). Free 4-week MOOC from EIT Food and University of Turin. **Starts 19 Nov 2018.**

[Intellectual Property Management in the Food Sector: Safeguarding Your Trademarks in the Global Marketplace](#). Free 4-week MOOC from EIT Food and the University of Warsaw. **Starts 26 Nov 2018.**

[Farm to Fork: Sustainable Food Production in a Changing Environment](#). Free 4-week MOOC from EIT Food, Queen's University Belfast and University of Turin. **Starts 14 Jan 2019.**