

DECEMBER 2017 NEWSLETTER

Dear Members and subscribers,

We were pleased to host the second week of the **EIT Food Winter School** in Cambridge last week, in conjunction with the BBSRC-funded Nutri-Inno. Forty graduate students and early career postdocs from across the world gathered to learn about entrepreneurship and creating innovations in the food sector. This was an intense, interdisciplinary week with participants forming teams and working on innovative business ideas with the guidance of many experts. If you missed out, there will be an EIT Food Summer School in 2018 – [sign up for updates](#) now.

Our final **Researcher of the Month** for 2017 is Dr Tarra Penney, at Cambridge's MRC Epidemiology Unit and Centre for Diet and Activity Research (CEDAR). [Click here](#) to read about her research to understand if, and how, changes in the food system influence population diet and health (and why it's so hard to eat a healthy diet).

Thanks to everyone who has sent information for inclusion in the newsletters this year. With best wishes for a restful festive break, Jacqueline Garget

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EVENTS IN CAMBRIDGE

13 Dec, 12-1pm: Marine litter: are there solutions? by Prof Richard Thompson, University of Southampton. MPhil teaching Room, 3rd floor, David Attenborough Building.

13 Dec, 5-7pm: [Biomedical Early Career Researcher Christmas Networking Event](#), Downing College, Cambridge. Meet researchers interested in infectious disease/immunology and global health from across all six Schools of the University.

15 Dec, 2-3pm: [RCUK GCRF Open Talk by Prof Andrew Thompson \(RCUK Chief Executive Champion for GCRF\)](#) Lecture Room 9, Mill Lane Lecture Rooms. ***This is a unique opportunity to hear from the RCUK GCRF Chief Executive Champion about RCUK strategy and vision for international development research and GCRF, and ask questions**.*
[Register to attend](#)

4 Jan 2018, 12-1pm: [The Supermarket Food Environment and the Promotion of Healthier Purchasing Behaviour](#) by Dr Adrian Cameron, Deakin University Global Obesity Centre. MRC Epidemiology Unit Meeting Rooms 1&2, Cambridge Biomedical Campus.

The Cambridge **Global Challenges Initiative** is running events for post-graduates and early career researchers, designed to facilitate dialogue and co-creation between Cambridge

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researchers and end-users in the developing world. **Apply now** - spaces are limited and will be allocated competitively:

- 10 Jan 2018:** [Workshop on User-Centred Design in Developing World Contexts](#) (application deadline: 15th December)
11 Jan 2018: [Masterclass in Design Methods for Global Challenges](#)

7 Feb 2018: [The Cambridge Sustainable Food Hub](#) talk by *Duncan Catchpole*, meeting Rooms 1&2, Institute of Metabolic Science, Cambridge Biomedical Campus.

27 Feb 2018: [Food for Thought: Innovating in an Innovation-Antipathetic Sector](#), Judge Business School (part of the *Enterprise Tuesday* series). **REGISTER NOW.**

1 May 2018: **Cambridge-Africa Day.** 10th Anniversary Celebration – save the date.

OTHER EVENTS

3-5 Jan 2018: [The Oxford Farming Conference](#), Oxford University.

16 Jan 2018: [Systems Change Thinking – creating value from unavoidable food supply chain wastes](#), Nottingham University.

23 Jan 2018: [Emerging Imaging Technologies in Agri-Food Workshop](#), Birmingham. *Topics will include satellite imaging of crops, food microstructure imaging, advances in machine learning.*

24 Jan 2018: [Counting the Cost \(and Value\) of Natural Capital in Agriculture](#), Norwich.

21 Feb 2018: [Agri-Food Study Group with Industry](#), Edinburgh. *Industry reps will present their problems; researchers in maths, statistics, engineering, computer science will work together towards practical solutions. Early stage career academics, PhD students and postdocs particularly welcome.*

18-21 June 2018: [Plant Biology Europe 2018](#), Copenhagen.

RECENT PUBLICATIONS

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

Wintle, BC, Boehm, CR *et al* [A transatlantic perspective on 20 emerging issues in biological engineering](#). *Includes enhanced photosynthesis for agricultural productivity, and platform technologies to address emerging disease pandemics.* [Read a summary on the University website.](#)

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Cunniffe NJ, Gilligan CA, *et al* [Evidence-based controls for epidemics using spatio-temporal stochastic models in a Bayesian framework](#). Nov 2017, *Journal of the Royal Society Interface*.

Penney, TL *et al*: [Utilisation of away-from-home food establishments, dietary approaches to stop hypertension dietary pattern, and obesity](#). Nov 2017, *Am J Prev Med*.

Marteau, TM, Hollands GJ, *et al*: [Effect of snack-food proximity on intake in general population samples with higher and lower cognitive resource](#). Nov 2017, *Appetite*.

Balmford, A *et al*: [Where are commodity crops certified, and what does it mean for conservation and poverty alleviation?](#) Jan 2018, *Biol Cons*.

Also of interest:

UCL has produced a video focusing on sustainable urban food systems: '[Sowing Sustainability](#)'. [Watch it here](#).

Future of Food: Journal for Food, Agriculture and Society, Autumn 2017 (Vol 5, No. 2) is on the theme of '[Food Security with equity through social and technological innovations](#)'. The journal is [calling for research papers](#), reports and book reviews for the Spring 2018 issue, which will focus on '[Healthy ecosystems for/from sustainable agriculture](#).' Submission deadline: **15 Feb 2018**.

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](#).

APEX Awards: for established researchers who want to pursue interdisciplinary research. **Up to £100,000 for up to 24 months**. Must be within the remit of the funders: Royal Society (includes agriculture, technology, environmental & engineering sciences), the British Academy and the Royal Academy of Engineering. **Application deadline 3pm, 14 Dec 2017**. [Further details on the call](#)

***Restricted Call: EPSRC Future Manufacturing Research Hubs 2018.** For multidisciplinary research Hubs that address major, long-term challenges facing manufacturing industries, and/or capture opportunities from emerging research areas. **Up to £10 million per Hub over seven years**. [Further details on the call](#) Internal application deadline **15 December 2017** (further information contact: researchstrategy@admin.cam.ac.uk)

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The Soulsby Foundation [One Health Travel Fellowships](#): up to £20,000 to individuals who hold a degree in either human or veterinary medicine and have proposed a research project within the international field of 'One Health'. **Deadline 31 December 2017.**

[BBSRC/NERC Joint Call in Aquaculture: Collaborative Research and Innovation](#). Max. award £1.2m. **Call launch workshop: 6th Dec 2017; application deadline 23 Jan 2018.**

Horizon 2020 Calls. Horizon 2020 is the EU's €77 billion research and innovation funding scheme running from 2014 to 2020. **BEIS has further [clarified](#) Horizon 2020 underwrite for UK participants.**

Currently open calls include:

- [Sustainable Food Security](#) - Horizon 2020's main contribution to research and innovation in relation to Food and Nutrition Security in Europe and beyond. Topics include Valorising Urban Biowaste, Personalised Nutrition, Microbiome, Integrated Pest Management, Animal Welfare. **Various deadlines from 13 Feb 18.**
- [Rural Renaissance](#) - Enhancing the natural, social, cultural and economic potential of rural areas. Topics include Closing Nutrient Cycles, ICT Innovation for Agriculture, Modern Rural Policies, Preparing Farmers for the Digital Age. **Various deadlines from 13 Feb 18.**
- [Blue Growth](#) - aims at sustainably harvesting the potential of resources from seas, oceans and inland waters for different uses and across the range of marine and maritime industries. Topics include Aquaculture. **Various deadlines from 13 Feb 18.**
- [Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors](#) - SMEs can play a crucial role in developing resource-efficient and cost-effective solutions to secure sufficient supplies of safe, healthy and high quality food and other bio-based products. Various deadlines.

[The Gen Foundation](#) invites applications for grants – open to students/ researchers in natural sciences, in particular food sciences/ technology. **Deadline 28 Feb 2018.**

[World Food Prize](#) for a specific individual achievement at any point along the food production and distribution chain. **Prize of \$250,000, nominations due by 1 May 2018.**

****Restricted Call Information for Cambridge Researchers: The University of Cambridge runs an internal selection process for calls where the number of applications per institution is limited.***

PUBLIC ENGAGEMENT

18 Jan 2018: Science story-telling workshop, by internationally acclaimed Story Collider. The skills you learn will not only be useful for engaging the public with your science, but will also help you flourish in presentations to peers. [Register now.](#)

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Interested in shaping global health policy? Join [Polygeia](#), a student-driven think tank operating across Cambridge, Oxford, London and New York. It connects students to a range of policymakers, NGOs and research organisations aiming to shape global health policy. Students receive in-house training and support including: systematic and literature reviews, policy reports, evidence development, healthcare publications and journalism.

[Shell Ideas 360](#): a global competition for students to learn and develop innovative ideas to tackle the challenges on energy, water and food resources. **Deadline 19 Jan 2018.**

FUTURE EARTH Call for Nominations: [Steering Committee members for Knowledge-Action Network on Water-Energy-Food Nexus](#). **Deadline 20 Jan 2018.**