

JUNE 2017 NEWSLETTER

Dear Members and subscribers,

Erasmus zu Ermgassen is our June **'Researcher of the Month'**, and you can read about where his interest in sustainable livestock production has taken him [here](#). Erasmus was one of the recipients of our **Early Career Researcher Travel Awards** - congratulations to all the [successful applicants](#) whose experiences we look forward to hearing about later this year.

Plans are now in place for our **Translational Funding Day** on 20 July at the Sainsbury Laboratory, Cambridge. Open to academic researchers and industry representatives, this is a chance to hear directly from the funders about the latest translational funding schemes in plant sciences, agriculture, animal health, food security and conservation, and to network and meet potential collaborators. [Book your place here](#).

We also have a new **Funding Opportunities** feature on our website for Cambridge researchers, which will provide an up-to-date list of all relevant opportunities directly from Research Professional. Please let me know if you have any feedback on this.

And finally, our Initiative's new **Ambassador Network** has now been launched to help us start more conversations about Global Food Security across disciplines. We're looking forward to engaging even more people in our important work!

Best wishes, Jacqueline Garget

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EVENTS IN CAMBRIDGE

20 June: Young Innovators' Forum tour of NIAB's Innovation Farm, Histon, 1:30-3pm. [Sign up](#) – transport provided.

21 June: Fostering critical self-reflection & co-production in conservation. UCCRI workshop, 5-7pm, David Attenborough Building. [Register](#).

27 June: NIAB Open Day, Histon

29 June: [CSaP Annual Conference: How does academia contribute to the work of government?](#) Royal Society.

12 July: Exporting Agri-Tech to Sub-Saharan Africa, Future Business Centre. [Register](#).

18-19 July: [CCF Summer Symposium](#), David Attenborough Building.

20 July: Translational Funding Day, 9am-12, Sainsbury Laboratory. [Book now](#).

28 – 31 July: [NNEdPro Summer School](#), Wolfson College.

1-2 Aug: [NNEdPro International Summit on Medical Nutrition Education & Research](#), Wolfson College.

6 Sept: [Cambridge Global Food Security Annual Symposium**](#)** Murray Edwards College.

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OTHER EVENTS

26 June: Introduction to the News Media, London. For scientists or engineers who want/need to engage with journalists.

28-29 June: Royal Norfolk Show. See the latest advances in agricultural science, technology and engineering.

28 June: Future of Food: Beyond the Consumer 8:30am-10am, Borough Market, London.

29 June: WELLBEING: How can we eat and live well in the future? 6:30pm-8:45pm, Impact Hub King's Cross. Part of the **Food Talks** series. [Sign up](#).

29 June: Controlled Environment Agriculture for Africa, 11am, London. TAA Curry Club Talk. [Book now](#).

29-30 June: Sustainable Earth 2017, Plymouth University. Themes are based on the GCRF.

2-7 July: 21st IFMA Congress: Future Farming Systems, Edinburgh

6 July: Eradicating Food Crime, Increasing Consumer Confidence, 9:30am-3:30pm, London. A **Public Policy Exchange** event.

10-11 July: Harmony in Food & Farming, Llandovery, Wales. A **Sustainable Food Trust** event.

16 July: 11th European Conference on Precision Agriculture, Edinburgh. Register now.

17 Aug: Norwich-Cambridge Student Symposium for Plant and Microbial Sciences, Norwich.

29 Aug – 1 Sept: XV EAAE Congress: Towards Sustainable Agri-Food Systems: Balancing between markets and society, Parma, Italy. Early bird registration by 30 June.

18-20 Sept: 16th World Congress on Nutrition & Food Chemistry, Zurich.

21 Sept: Priorities for UK food security post-Brexit, London.

17 Oct: The future for international research partnerships: responding to Brexit, the Newton Fund and new relationships. London.

28-30 Nov: Gene Editing of Crops Workshop, Kiama, Australia.

RECENT PUBLICATIONS

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

Research led by **Uta Paszkowski** found a plant protein essential for communication early in the formation of symbiosis: **Why communication is vital** (and paper in *Nat Plants*, May 2017).

Opinion: Are universities ready for a new kind of science? In an essay in *BioScience* co-authored with an international group of researchers, **Bhaskar Vira** argues that if we want science to serve society and the planet we all must take responsibility for institutional innovation.

Ben Phalan comments on **The consequences if the world decided to go meat-free**

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Jaideep Prabhu *et al.*: Community trust reduces myopic decisions of low-income individuals. *PNAS* May 2017.

Nic Cunniffe *et al.*: Modelling virus coinfection to inform management of maize lethal necrosis in Kenya. *Phytopathology*, May 2017.

Theresa Marteau: Towards environmentally sustainable human behaviour. *Phil Trans A*, May 2017.

Cameron Petrie *et al.*: 'Multi-cropping', Intercropping and Adaptation to Variable Environments in Indus South Asia. *Journal of World Prehistory*, June 2017.

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](#).

NERC Innovation Placements invites researchers to apply for 6-12 month placements in business, policy and civil organisations, in NERC Innovation priority areas including sustainable food production. **29 June deadline.**

Cambridge Philosophical Society Travel Grant Awards: Grants for £50-£350 for travel relating to science, technology and mathematics. Open to Fellows who joined the Society more than 12 months ago. **1 July deadline.**

ESRC New Investigator Grants (£100-£300k) – open to candidates with max. 4 years postdoc experience, in any topic within ESRC's remit. The University of Cambridge can submit a limited number of applications so is running an internal selection process – Cambridge applicants can [contact me](#) for further details, and please send applications to ESRCNewInv@admin.cam.ac.uk by **3 July, 5pm.**

MRC/RCUK Antimicrobial Resistance in a Global Context: 11 July deadline for £80k development grants, to be followed by a call for larger consortia grants of £2-3m each in 2018. ***Contact [CID Coordinator Allyson Walsh](#) if you are looking for collaborators*.**

NERC Engaging environments: proposals are invited for public engagement consortium and capacity-building projects costing £50,000-£100,000, leading to a second stage bid for a project that will achieve national impact in engaging the UK public with environmental science issues. **By 25 July, 4pm.**

Newton UK-China Agritech Challenge 2017: Innovate UK and BBSRC. £1-2m available for projects that use cutting-edge technologies to solve agricultural challenges in China. **2 Aug deadline.**

***Cambridge internal funding opportunity*:** [EPSRC IAA Partnership Development Awards](#) and [Knowledge Transfer Fellowships](#) schemes. **4 Aug deadline.**

Newton Bhabha PhD Placements Programme: to support short-term (2-4 months) PhD placements between UK and Indian institutions. **21 Aug deadline.**

Horizon 2020: Sustainable Food Security. 13 Sept deadline.

UK-India Newton-Bhabha Fund joint call on pulses and oilseeds. Autumn 2017 deadline. *Networking meeting in London, 30 June*.

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COMPETITIONS

Biomaker Challenge: Four-month programme challenging interdisciplinary teams to build low-cost sensors & instruments for biology. £1,000 support. **Deadline 23 June.**

OpenPlant Fund: Supporting open, innovative and interdisciplinary projects to engineer plant biology. £5,000 per team. **Deadline 30 June.**

Deep Science Ventures: Form global teams. Solve global challenges. Includes: Optimising edible protein production. £500,000 available to get your new venture off the ground. **Sign up by 30 June.**

Unilever Young Entrepreneurs Awards, delivered in partnership with CISL. Supports young people 18-35 who have developed initiatives, products or services that are tackling the planet's biggest sustainability challenges. **Deadline 30 June.**

Agri Innovation Den invites fledgling businesses to pitch Dragons Den-Style for a share of £20 million. **Deadline 7 July.**

Innovation Forum Cambridge Branch. Pitching competition for researchers. A great opportunity for researchers to gain extra presentation skills & potentially secure industry collaborations. **Deadline 28 July.**

The **Global Youth Video Competition** invites young people around the world to submit short videos showcasing what they are doing to combat climate change. Open to young people 18-30. **Deadline 18 August.**

OTHER OPPORTUNITIES

NERC-Funded CASE PhD Studentship: Polar Algae. Apply by 18 June.

Call for applications for autumn 2017 Biodiversity Fellows programme. 8-10 week funded placement with the ICCS group, University of Oxford. **Deadline: 2 July 2017.**

Sustainability Leadership Labs. Two-day professional development residential courses, on **Business Model Innovation:** 17-18 Oct; and **Embedding Natural Capital:** 20-21 Nov.

Interested in consultancy? Cambridge Enterprise has a new online course, **Academic Consulting: the Fundamentals** for Cambridge employees.

Need a confidentiality agreement? Cambridge Enterprise has created a new service that allows you to **generate your own draft confidentiality agreement** via its website.

Resource Trade: Chatham House's new website offering comprehensive and accessible data and insights into the dynamics of global resource trade, including agricultural, fishery and forestry products.