



University of
Nottingham
Future Food

Future Food Beacon newsletter

August 2020

PhD studentship opportunities 1: Sustainable Agri-Food Systems for Global Nutrition



The University of Adelaide is hosting a fully-funded joint international PhD programme with the University of Nottingham called '*Sustainable Agri-Food Systems for Global Nutrition*'. Hurry though because the deadlines are rushing up on us! **Enquiries by 24 August 2020 and applications by 31 August 2020.** There are 16 PhD topics to choose from, every one of which looks fascinating, check them out [here](#)!

PhD studentship opportunities 2: International Agriculture DTP



The third round of the University of Nottingham - Rothamsted Research studentship programme is now open for applications! There are five projects on international agriculture available. [Apply now!](#)

If you have students interested in the studentship programme who want to find out more about student experiences, direct them to [our interviews with the first cohort of PhDs!](#)

Covid-19 Conversations



Colleagues at UoN Malaysia have put together a series of conversations around Covid-19, including an interview with our own Prof David Salt, exploring food security and the future.



In July, we reported that University of Nottingham students had scooped a national award for their food distribution work during lockdown. In this short video of thanks, the Foodprint Director, Chris Hyland, explains how they did it

Future Food News

We are delighted to report a sudden rush of innovative new published papers this August from our researchers and collaborators, including:

- Sina Fischer (Nottingham Research Fellow);
- Sally Eldeghaidy (Anne McLaren Research Fellow);
- Guilhem Leyt (Postdoctoral researcher);
- Thomas Alcock (Future Food Beacon Research Fellow);
- Gleb Yakubov (Assistant Professor in Food Composites);
- John Ferguson (Postdoctoral Research Fellow)

Everybody at the Future Food Beacon offers their hearty congratulations on the publication of these important new papers, which are listed in the publications section below.

We further congratulate Sally Eldeghaidy on obtaining a Royal Society international exchange award in partnership with Wageningen University.

If you spend time wondering what is the most sustainable vegetable oil to use, then Thomas Alcock's preliminary investigations into **sunflower oil production and greenhouse gas emissions** should be of immediate interest. If you missed the in-depth interview with Thomas on May, then you can catch up **here**

Gabriel Castrillo's return to the lab to urgently continue his work on plant root and soil biome interactions is neatly summarised in **this blog** from late July.

The **33rd and final edition of the GARNish newsletter** throws a spotlight on a great many of our excellent University of Nottingham researchers at pages 16-27. How many do you know?

Finally, if you missed any of June Briefings 2020, then you can still email **Gigi Walker** to request a recording of any sessions you missed.

Upcoming talks, seminars and conferences

Food Security in Small Island Developing States (FSSIDS) 1-4 September 2020 (online and invitation only)

The Institute of Food Science and Technology (IFST) has a number of **relevant webinars**

which might interest you

The future of food regulation - adapting to COVID-19, local regulation and enforcement, food standards, and the future of the regulatory system 8 September

The Diasporic Plate: Food in the Contemporary Diasporic World in Times of Crisis Call for papers deadline **21 September 2020**; series of online events 27 November - 11 December 2020

Precision imaging: transforming healthcare and nutrition with pioneering imaging 23 September, Nottingham

Food futures in the anthropocene: place-based, just, convivial 7-10 November, Launceston, Tasmania

New publications from Future Food

Effect of phosphorus supply on root traits of two *Brassica oleracea* L. genotypes Pongrac et al (2020)

A nociresponsive specific area of human somatosensory cortex within BA3a: BA3c? Sanchez Panchuelo et al (2020)

Uclacyanin proteins are required for lignified nanodomain formation within Casparian strips Reyt et al (2020)

A harmonised systems-wide re-analysis of greenhouse gas emissions from sunflower oil production Alcock et al (2020)

The Effect of Dissolved Gases on the Short-Range Attractive Force between Hydrophobic Surfaces in the Absence of Nanobubble Bridging Azadi et al (2020)

Rapid temperature responses of photosystem II efficiency forecast genotypic variation in rice vegetative heat tolerance Ferguson et al (2020)

Low-Cost Automated Vectors and Modular Environmental Sensors for Plant Phenotyping Atkinson et al (2020)

Arctic rolls and gender roles - Female and male eating disorders in Karen Duve's *Regenroman* and other texts Bartel (2020)

A harmonised systems-wide re-analysis of green house gas emissions from sunflower oil production Alcock et al. (2020).

Barley sodium content is regulated by natural variants of the Na⁺ transporter HvHKT1;5 Houston et al. (2020).

Low cost automated vectors and modular environmental sensors for plant phenotyping Bagley et al. (2020).

To tell us your news, share conference registrations or abstract opportunities, as well as any food-related reading please email:

Andrew Edwards (Ed), Acting Communications Officer for the Future Food Beacon



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