



Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council



[UN World Environment Day](#) - 5 June 2020

(Image courtesy of ThisIsEngineering from Pexels)

EBNet Newsletter - May 2020

News

CONGRATULATIONS

EBNet Business Interaction Voucher (BIV) Awards first call results

We have been able to offer 4 awards totalling £58,600. Our thanks to reviewers for making the time to scrutinise these for us whilst under pressure from recent events. Further details are available in the "[Outcomes](#)" section of the website.

ONGOING

The EBNet Proof of Concept (POC) Call - last chance to enter

We are busy processing early bids already for the Call - ending tomorrow (15 May). As we source reviews for the disparate topics (whilst avoiding Col) we must draw upon our members' goodwill to provide informed scrutiny and comments through the review system. Please consider helping, if approached.

FREE LIMITED TIME OFFER

NNFCC Bioeconomy Information Package

It's now easy to keep up with bioeconomy developments. Simply email YES to r.horton@nnfcc.co.uk to take advantage of their free information package (RRP £89+VAT) for the duration of lockdown. More information and an example of the information can be found [here](#).

Calls

EBNet Early Career Researcher (ECR) Conference

25 June 2020, NOW VIRTUAL - NOTE DATE AMENDMENT

This entirely free event connects ECR members to share research and experiences across the range of EB activity nationwide. We hope to have pre-recorded posters for viewing on the 24th, with presentations and poster session discussions on the 25th - more details will be sent soon. Develop your capabilities in a friendly environment with us. Brief abstracts due this week, so register [now](#).

New EBNet PHOTO Competition - Open to ALL members

Deadline: 17 June 2020

An image may "paint a thousand words", but illustrating EB can be a challenge. Do you have a photo/image of your work or research which you could share? Take a moment and send us your picture to win a (small) prize and certificate. A future newsletter will showcase the best entries! Participate [here](#).

New EBNet JOKE Competition - Open to ALL members

Deadline: 17 June 2020

Share a lighter moment with a joke or two. This competition is clearly just-for-fun, but making clever puns, bad jokes and indescribable limericks freely available is a public service (of sorts). The challenge lies in being EB-relevant. Participate [here](#).

CLOSING SOON

Next Quarterly Placement Call

Deadline: 18 May 2020

Awards have a value of up to £1,500 for UK-based placements and £3,000 for overseas placements. More [here](#).

Spotlight On...

Why do we value our Industry members?

Tapping into our members' industrial experience provides perspectives, challenges and (hopefully) pathways to impact for the work done in academia. As a precious resource, their input behind the scenes both legitimises and informs – they can act as a "check and balance", a "sanity check" and source of surprising new information on what would *really* matter in their business. Awareness of the constraints imposed by upcoming changes in legislation/economic realities is not a trait readily available to researchers!

Contact is particularly valuable to our ECR members as they lay the foundations of their careers.

Are you an experienced Industry member? We have moved our Early Career Researcher conference online and would like to include some perspectives from industry. If you have insights, experiences and challenges you think it would be helpful to share with our ECRs (PhD students to new Lecturers) - perhaps via a short pre-recorded PowerPoint - email us!



Forthcoming Events

Find selected upcoming events below or look further ahead with our online Google calendar.

What have we missed? Whether local or international, niche, general interest or 3rd party - provided the topic is EB, we can share with the wider membership.

Biovale Webinar: Preventing plastic pollution from AD digestate

18 May 2020

CIWM: Resourcing the Future Conference

9-10 June 2020, London

IWA: 5th International Conference on Ecotechnologies for Wastewater Treatment

22-26 June 2020, Milano, Italy

EUBCE

6-9 July 2020, Marseille

Event rescheduled due to Covid-19 outbreak.

IFIB

1-2 October 2020, Rome

EFIB

5-6 October 2020, Frankfurt

For more, go to: [Events Roundup](#)

Funding

Funding opportunities for academia and industry are highlighted below.

Want a partner? Contact us with your details and we can connect you with members with similar interests or put a request out through the network



Royal Geographical Society

Various grants and dates – incl. up to 3 annual awards of £15,000 for early career researchers.

Algae-UK:

[Secondment Bursaries](#): 29 May 2020

[Conference and Training support](#): apply no less than 6 weeks before conference/

HVB:

[POC Call](#): 14 September 2020

[Training Fund](#): always open

E3B:

[POC Call 2](#): 29 May 2020

[Open funding call for Covid-19 projects \(PoC or BIV\)](#): open call

[Early Career Researcher Fellowship Planning Visit Fund](#): open call

[Collaboration-Building Workshop Fund](#): open call

[Early Career Researcher Conference Travel Fund](#): 23 May 2020

BBSRC:

[Collaborative Training Partnerships](#): 9 July 2020

[Discovery Fellowships](#): 11 June 2020

[David Phillips Fellowships](#): 11 June 2020

KTP:

Various [Industrial Biotechnology](#), and [Chemicals](#).

InnovateUK:

[GCRF demonstrate impact in developing countries](#): round 2, phase 1: 10 June 2020

[SBRI: monitor and visualise domestic pollution to safeguard health](#): 20 May 2020

[Innovate UK Smart Grants](#): 27 May 2020

[UK-Canada: enhancing agricultural productivity and sustainability](#): 24 June 2020

For more, go to: [Funding Roundup](#).



Awards, PhDs & Jobs

Did you know we have funds available to help members access placements in industry or academia. Could you host one to share what you know? Contact us now.

Featured

Cranfield University has a number of fully-funded PhD Studentships:

Two RAEng-funded: "[Low-cost paper-based sensors for rapid monitoring of water quality](#)"

Two EU-funded REGENERATIS: "[Innovative characterisation of historic contaminated sites using rapid measurement tools](#)"; "[Recovery of metals from historic landfill sites](#)"

Training

KTN:

New free business tool from [The Innovation Canvas](#). Businesses can use this to identify the most important challenges in developing an innovative product, service or process.

Agri-Food and Biotechnology businesses can apply for 3 days of free [Innovation Support](#) to bring their projects to market. This new competition offers 3 days of innovation support for up to 8 businesses.

Deadline: 29 May 2020

[AquaEnviro](#)

Various, including...*Chemical & Biological Phosphorus Removal*, 4 November 2020, The Studio, Leeds;
Microscopic Analysis of Activated Sludge, 8 December 2020, Aqua Enviro Training Suite, Wakefield

[PhD Studentships](#)

Soil microbial communities and biodegradable plastic

Edinburgh Napier University. Deadline: 31 May 2020

Making impact assessment relevant for the 21st century

University of East Anglia. Deadline: 31 May 2020

Development of robust and effective downstream purification and analytical techniques for glycolipid biosurfactants

University of Manchester. Deadline: 1 June 2020

Understanding the Unusual Behaviour of Nanobubbles and Exploiting their Extraordinary Properties for Industrial Applications

University of Birmingham. Deadline: 31 July 2020

Publications

We love to showcase our members' newest publications. Share your success here...

Featured: [Dynamic biogas production from anaerobic digestion of sewage sludge for on-demand electricity generation](#)

Mauro Lafratta; Rex B. Thorpe; Sabeha K.Ouki; Achame Shana; Eve Germain; Mark Willcocks; Jacquetta Lee

[Applications and Implications of Emerging Biotechnologies in Environmental Engineering](#)

Daniel Vallero; Claudia Gunsch

Journal of Environmental Engineering. Jun2020, Vol. 146 Issue 6

[Bioleaching for resource recovery from low-grade wastes like fly and bottom ashes from municipal incinerators: A SWOT analysis](#)

Helena I. Gomes; Valerio Funari; Rebecca Ferrari

Science of The Total Environment, Volume 715, 1 May 2020

Environmental Biotechnology: Principles and Applications

by Bruce Rittmann & Perry McCarty

A thoroughly revised 2nd edition of the classic textbook is now available.

[NNFCC:](#)

Open access to April's Biobased Products News Review

Still here?

Do you have a favourite new **speculative technology** you are following with interest?

Here are some eye-catching ones you may have missed...

[Gravitricity](#) – how do you store gluts of renewable energy simply? [Liquid nanoclay](#) – working to reclaim desert soil. Using a [Metal-Organic Framework](#) (MOF) to harvest water from thin air or [electrostatic attraction](#) for fog harvesting. Finally, a favourite tongue-twister, the [Nanophotonic Metamaterial](#) – a form of free air-conditioning. Not on topic but still fascinating.

