

# InSHAW Newsletter Winter 2022/23

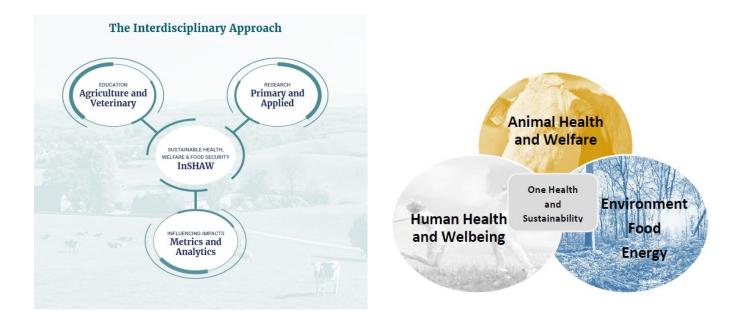
## ILG=ZR, PR, JO, HS & JMES

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### Welcome to InSHAW

The world is in a turbulent state and so a collaboration of like-minded people and organisations committed to Sustainable Food Production and One Health might be even more important than we ever imagined. Since we connected last summer -both online and face to face at Harper and Keele Veterinary School-events around the world have remained volatile. Much has also happened in our areas of interest and so below we will share some news and also a look forward to future events and opportunities to make a difference.

InSHAW is the Institute for Sustainable Livestock Health And Welfare, based at Harper and Keele Veterinary School UK in collaboration with Harper Adams University, Keele University and RAFT Solutions Ltd. InSHAW has three main priorities in the field of Sustainable Food and One Health: Research -Education-Influence, with a mission to collaborate to support positive progress.



### Website and newsletter

See www. www.inshaw.co.uk for InSHAW going forward.

### Precision Livestock Farming (PLF) Conference York, UK 23<sup>rd</sup> & 24<sup>th</sup> November 2021

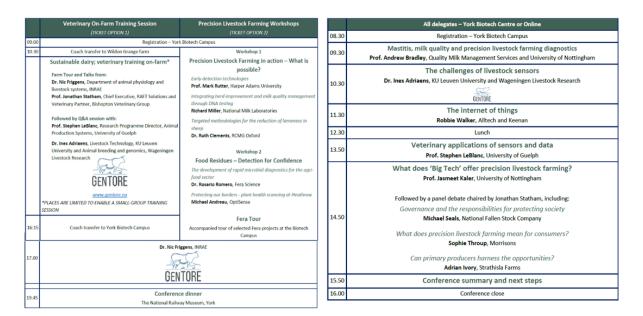
Somehow after a Covid 19 postponement the Precision Livestock Farming in Practice Conference went ahead a year ago, principally sponsored by GenTORE (H20-20) Kersia and InSHAW with Harper & Keele Vet School. We were delighted to run workshops on-farm at a 800 cow PLF rich dairy unit as well as sessions and the main plenary lectures and panel sessions at the York Biotech CentreYork (home to the UK Food and Environment Research Agency: Fera).



Figure 1: Wildon Grange Dairy Farm



Figure 2: York Biotech Campus



Full conference program. All of the talks across the two days are available to view at <u>https://raftsolutions.co.uk/precision-livestock-farming-in-practice-conference/</u>



Figure 4: Delegates in session



Figure 4: Nic Friggens and PLF

It focused on the exciting technologies, systems and understanding that are driving sustainable livestock production across the World. Workshops, training sessions and practical visits accompanied presentations and discussion from international leaders in the field of precision livestock farming. The two-day conference attracted interest from progressive livestock producers, vets, policy makers and industry stakeholders, across all the livestock sectors.

Preparations are underway for PLF in Practice #2.

# **One Health Event at HKVS**

This event will be held on 8<sup>th</sup> March 2023 at HKVS.

AMR & BBSRC

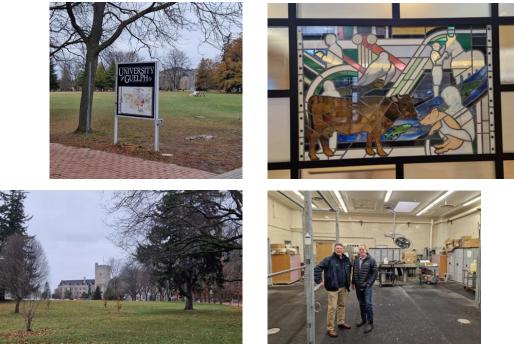
News Item: <u>BBSRC investments 'likely critical' to UK AMR vision, experts say – UKRI</u> Report Publication Page: <u>Evaluating BBSRC investments in antimicrobial resistance research – UKRI</u>

Events Round-up WCGALP Rotterdam EAAP Conference Porto 'MANNA' EU Horizon Marie Curie project close Brazil Sustainability Symposium

### **Collaborations and Exchange programmes**

Recent RAFT visit to Eastern & Western Canada as part of UKRI/NRC IRAP collaboration gave the opportunity to refresh old partnerships and initiate new ones as part of the InSHAW umbrella. Ontario Veterinary College (OVC) in Guelph, Ontario and Western College of Veterinary Medicine (WCVM) in Saskatoon, Saskatchewan were both visited and we enjoyed great hospitality and the sharing of ideas and like-minded perspectives on sustainable livestock health & welfare.

OVC:



WCVM:

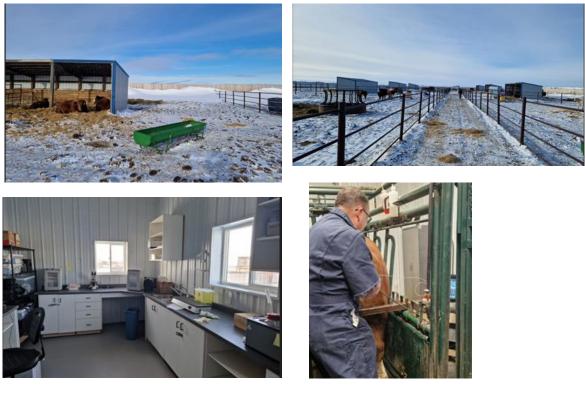








BVGL (Bow Valley genetics Limited):



'Agribition' week long cattle show in Regina, Saskatchewan (-28oC):











### **Data Science PDRA**

Position available for a data scientist 2 year position between RAFT & Keele early in 2023.

### **Education & training**

HKVS veterinary undergraduate course is now in year 3 and continues to integrate Sustainability, PLF and One Health concepts from year one including a PLF workshop day.

Three training modules are in development for InSHAW with RAFT outreach and XL Vets:

- Sustainability and Net Zero Beef, Lamb and Dairy
- One health
- PLF Training Course

Farmskills/Vetskills Net Zero Beef Lamb and Dairy

### Animal Health & Welfare Pathway

This defra funded England project started on farm this autumn, with planned wide rollout from late January 2023.

https://www.gov.uk/government/publications/animal-health-and-welfare-pathway/animal-healthand-welfare-pathway