



Developing an Interdisciplinary One Health Education Package

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What is One Health?



- One Health High Level Expert Panel
- One Health is an integrated, unifying approach that aims to sustainably balance and optimize the health of people, animals and ecosystems
- The approach mobilises multiple sectors, disciplines and communities at varying levels of society to work together to foster well-being and tackle threats to health and ecosystems

Background

*“The Global and **One Health agenda** reinforces the interdependence of human health with wider environment and social determinants of health. Now more than ever resources are, and will continue to be, extremely limited therefore we must find more sustainable solutions for the future beyond Covid-19.”*

Bevan Commission Priorities 2022

Background

- There is an opportunity for One Health approaches to promote interdisciplinary teaching and professional development on system-wide issues that cross the human-animal-environmental interface, integrating multiple disciplines across the system and bringing together partners to work on issues that intersect these domains

Aim / Objective

- Aim- to embed One Health approaches in Wales, creating new partnerships on system-wide issues that cross the human-animal-environmental interface
- Objective- To develop, deliver and evaluate a One Health education package aimed at introducing and embedding One Health concepts

Approach

- This project applied the One Health approach to the education setting, integrating a range of specialties and disciplines where possible
- This involved establishing links with existing and new partnerships in order to develop, deliver and evaluate the education package and then develop a set of recommendations for the next steps
- Different teaching methods were applied and evaluated to continuously develop and improve the approach

Outcomes

- Presented a One Health Webinar to a multidisciplinary audience hosted by Public Health Network Cymru

How useful did you find the webinar - 4.44 average rating



Why did you give this score?

- "A good overview of some of the issues and work that is going on - very interesting, thanks"
- "Really informative, covering many aspects which does highlight the importance of communication between all stakeholders"
- "Information was relevant and all participants spoke very well"
- "Great selection of presenters, fascinating presentations"

- Delivered a One Health workshop at the Green Health Wales conference
- Presented on One Health at a Swansea University Medical School Faculty Development Session
- Delivered a One Health workshop to an audience brought together by the Bevan Commission and Learned Society of Wales
- Funding has been secured for a One Health practitioner in Hywel Dda UHB, the first in Wales

Next Steps

- This project will be embedded within the work of a One Health practitioner in Hywel Dda UHB. Further areas which could be explored include:
 - Exploring the approach in other health boards
 - Consider the role of One Health as an approach in other education settings e.g. schools
- Funding has been secured by Professor Nigel Holt (Aberystwyth University) to deliver an all-Wales One Health dialogue sessions in early 2023

Conclusion

Connections

- One Health highlights the importance of the connecting and coming together of multiple disciplines to share different challenges and perspectives

Complexity

- One Health as an approach can help us to work with the uncertainty and complexity of issues that intersect the human-animal-environmental interface. This complexity and uncertainty could be then applied within networks and statutory bodies in Wales, e.g. Public Service Boards under the Well-being of Future Generations Act

Competencies

- A One Health education package could be used to help test our challenges and experiences from our own disciplines against One Health principles. This could help us to address gaps in our knowledge and skills (e.g. zoonotic diseases and its relation to human health) as well as identifying opportunities to strengthen existing areas of work and promote cohesion in our approaches (e.g. using One Health as part of interprofessional education)

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