

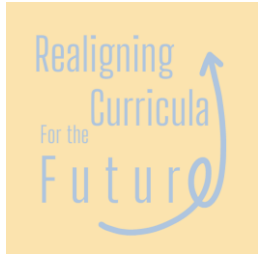
Realigning Curricula for the Future

Medicine & Healthcare and Sustainability

9th October 2023

Convenor: Kathrin Möbius

Agenda



12:00 Introductions

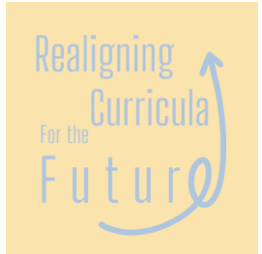
12:10 Dr Theresa Martin - Developing and Embedding a Curriculum for Medicine

12:20 Dr Felicity Connolly - Making it Core: Education for Sustainable Healthcare at Lancaster Medical School

12:35 Short mapping exercise

12:40 Q&A, Discussion & Conclusions

Hi!



What's your name?

Which institution or organisation are you from and what's your role?

The EAUC

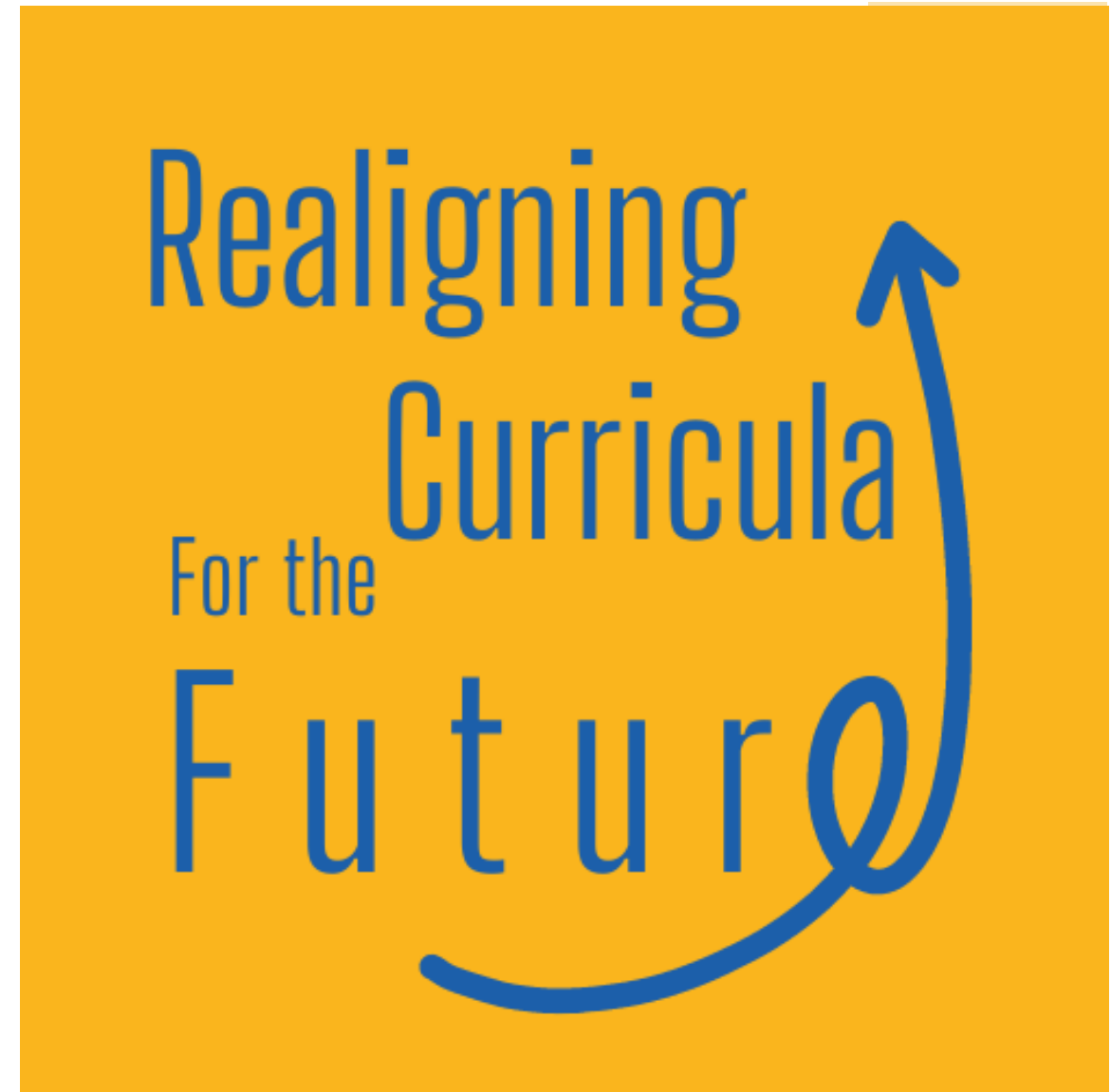
- EAUC = Alliance for Sustainability Leadership for Universities and Colleges
 - Mailing lists, Topic Support Networks, Resources, Advice, Conferences
 - Operations, Teaching, and Research
- Learning & Teaching support: Jiscmail, events, resources, community.



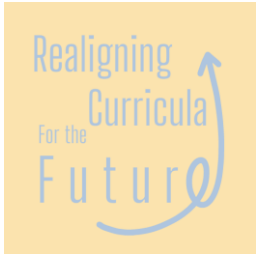
This series

Realigning Curricula for the Future:

bringing together people leading on or interested in integrating sustainability into teaching in specific subject areas



Quick scoping poll



A quick estimate – where is your institution at when it comes to integrating sustainability into teaching and the curriculum?

- 1 – not integrated it at all
- 2 – individual efforts in a few courses and modules
- 3 – integrated in several courses and modules, driven by individuals
- 4 – integrated in several courses and modules, driven collectively including by leadership
- 5 – integrated as much as it can be, including in institutional strategy and leadership

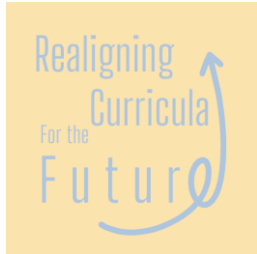
Developing and Embedding a Curriculum for Medicine

Dr Theresa Martin, University of Portsmouth

Making it Core: Education for Sustainable Healthcare at Lancaster Medical School

Dr Felicity Connolly, University of Lancaster

Quick Mapping Exercise



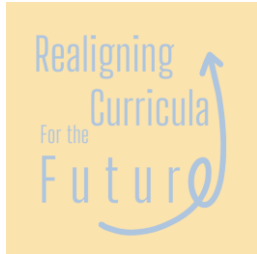
EDUCATION FOR SUSTAINABLE HEALTHCARE

A curriculum for the UK

Endorsed by the Medical Schools Council



Priority Learning Outcome 1

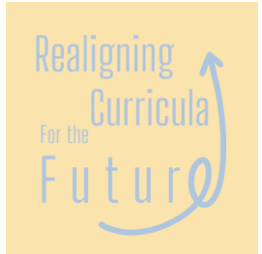


1. Describe how the environment and human health interact at different levels

Doctor as scholar and scientist

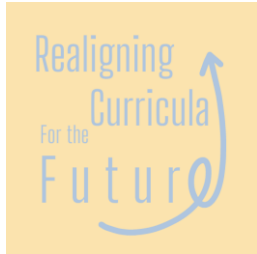
- Outline the **dependence of human health on global and local ecological systems**, which supply essentials such as air, water and a stable climate.
- Discuss the **contribution of human activity and population size to global environmental changes** such as climate change, biodiversity loss and resource depletion.
- Describe the mechanisms by which **human health is affected by environmental change**, for example through changes in disease vectors, exposure to extreme weather, migration and reduced food security.
- **Describe features of a health-promoting local environment**, in community and healthcare settings, to include access to green spaces, clean air and an active travel infrastructure.

01:00



1. Describe how the environment and human health interact at different levels

Priority Learning Outcome 2

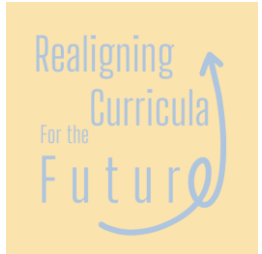


2. Demonstrate the knowledge and skills needed to improve the environmental sustainability of health systems

Doctor as practitioner

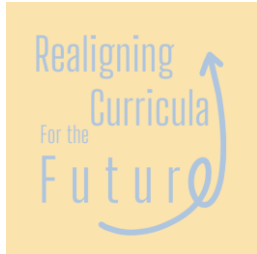
- Define the **concept** of environmental sustainability.
- Explain how trends in demographics, technology, climate and resource availability **may affect our ability to provide healthcare** into the future.
- Describe, with examples, the different types of **environmental impact resulting from healthcare provision**, and how these may be measured.
- Identify ways to **improve the environmental sustainability** of health systems - in individual practice, in health service management, and in the design of care systems.
- Identify potential **synergies between policies and practices** that promote environmental sustainability and those that promote health.

01:00



2. Demonstrate the knowledge and skills needed to improve the environmental sustainability of health systems

Priority Learning Outcome 3

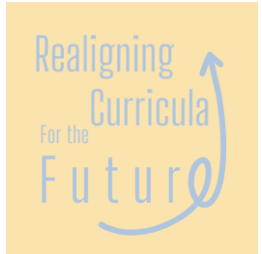


3. Discuss how the duty of a doctor to protect and promote health is shaped by the dependence of human health on the local and global environment.

Doctor as professional

- Explain how the **health impacts of environmental change are distributed unequally** within and between populations and the disparity between those most responsible and those most affected by change.
- Recognise and articulate **personal values** concerning environmental sustainability, given the relationship between the environment and the health of current and future generations.
- Discuss **ethical tensions** between allocating resources to individual patients and protecting the environment upon which the health of the wider community depends.
- Demonstrate **awareness of organisational sustainability policies and the legal frameworks** for reducing carbon emissions.

01:00



3. Discuss how the duty of a doctor to protect and promote health is shaped by the dependence of human health on the local and global environment.

Discussion and Q&A

Conclusions