

BMSS4009

Contemporary Challenges: Making a Difference

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26-01-24



Welcome



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David



In your bag ...



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Our Session

Learning Outcomes

- To develop awareness and appreciation of contemporary challenges relevant to the discipline facing individuals, organisations, communities and society, from a local, national and global perspective.
- To develop creative problem-solvers through the application of knowledge to real-world problems

General Plan

Content connections

Additional challenges

Design Thinking Lab

Assessment 2 –
presentations



**Things I have
learned so far in
this module, which I
consider *valuable*...**

Mind map results

Mache Treviño • 7d

Collective mind map

Click on "+" or tap on the board to add a note. Add 1 note for each response to: "One thing I have learned so far in this module and I consider it valuable". You can check your notes, Moodle or any resource of your choosing. You can add text, images, links and more. Note: This board will change as the session unfolds.

Diabetes

mortality rates
life expectancy

Components of fitness

Good quality nutrition
↳ Clean house & clothes

Good quality of life

↳ lifestyle factors

employment

Physical activity
vs physical fitness
vs health

Activity levels

Health related fitness

Sports related fitness

Obesity

Social → Determinants of health

Cardiovascular

Different types of physical activity - NEAT

weekly recommended etc

Control Writing Save Close

*Completed by Jan 26 participants

Contemporary Challenges: Wicked Problems



The problem has an unknown set of potential consequences

(Camillus, 2008; Steidle, 2021)

Contemporary Challenges: Wicked Problems



The problem has an unknown set of potential consequences



The amount of information available to “solve” the problem is unmeasurable

(Camillus, 2008; Steidle, 2021)

Contemporary Challenges: Wicked Problems



The problem is difficult to define and frame



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Contemporary Challenges: Wicked Problems



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Contemporary Challenges: Wicked Problems



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Contemporary Challenges: Wicked Problems



The problem is difficult to define and frame



The problem may be described differently by various stakeholders



Even after taking action, there is no way of knowing which course of action is best



It is impossible to gauge whether or not a sufficient solution has been achieved



The problem has an unknown set of potential consequences



The amount of information available to “solve” the problem is unmeasurable

(Camillus, 2008; Steidle, 2021)

Global Wicked Problems



Health & Wellbeing

Public Health
Challenges:
Disparities & inequality
Pandemics
Toxic Stress

(Head, 2022; Pterie & Peters, 2020; Steidle, 2021; United Nations, 2023)

Global Wicked Problems



Health & Wellbeing

Public Health
Challenges:
Disparities & inequality
Pandemics
Toxic Stress



Climate Change

Sustainability &
environmental issues:
Disasters
Pollution
Biodiversity loss
Food

(Head, 2022; Pterie & Peters, 2020; Steidle, 2021; United Nations, 2023)

Global Wicked Problems



Health & Wellbeing

Public Health
Challenges:
Disparities & inequality
Pandemics
Toxic Stress
Happiness



Climate Change

Sustainability &
environmental issues:
Disasters
Pollution
Biodiversity loss



Political Issues

Migration
International crime
Corruption
Security
Political Polarisation
Equality

(Head, 2022; Pterie & Peters, 2020; Steidle, 2021; United Nations, 2023)

Global Wicked Problems



Society

Education
Equality
Inclusion
Quality of life
Communities



Economy

Income
Cost of Life
Fiscal regulations
Social mobility
Poverty
Inflation

(Head, 2022; Pterie & Peters, 2020; Steidle, 2021; United Nations, 2023)



**Select topics of your interest
and do a quick reference
search on how do these topics
relate to your areas of practice
/ target populations**

Use Google Scholar,
UWTSD online library
resources, social
media trends, news
[we will discuss
reliable sources later,
see what you can find]

Thank you, please share:

Looks exciting!



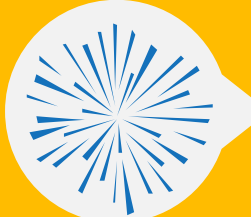
**Topics I am
interested in**



**Additional
questions**



Next steps...



For the next lecture



Moodle Content

During the week,
interact with the
Moodle Units and
bring back 1 thing
you discovered



Wicked Problems in my Practice

For the next lecture bring
3 ideas / topics from
Wicked Problems that
you think impact or will
impact your practice
(with 2 references)