

What AI Cannot Replace: Teaching Knowledge Translation and Humanity through Service Learning

A Podcast-based Pedagogy for Public Health Communication

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Learning Objectives & Communication Theory

In the era of artificial intelligence, access to information is no longer the primary challenge. The irreplaceable competence in public health lies in **humanity, ethical judgment**, and the ability to **translate scientific knowledge into meaningful communication**.

This **service-learning course** is designed to cultivate these competencies by training students to transform academic public health knowledge into accessible podcast content for diverse audiences.



The importance of this course is not just about "creating a podcast," but in teaching students three core skills that AI cannot replace :

1. Humanity & Service

Understanding Others, Society, and Cultural Contexts



Building Empathy Through Cross-Cultural Storytelling.

Sharnique
from St. Lucia

Different food cultures, same human need for connection



Raku
from Japan

Same Sky, Different Streets - Japan and Taiwan in everyday life



2. Knowledge Translation

Data into Messages People Understand and Care About

Through interactive and game-based learning, students translate public health data into engaging, accessible messages.



Usku
from Mongolia

Public Health Myths vs Facts: The Battle of Truth!



3. Communication & Observation

Adapting Messages Through Cultural Awareness



Adapting communication strategies through observation and cultural awareness.

Keira
from Malaysia

Bubble Tea meets Kopi



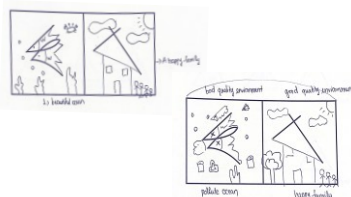
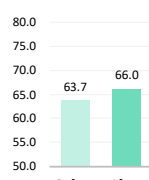
Jeremiah
from Belize

Stronger Together - Fitness and Nutrition Between India & Taiwan



Learning Outcomes & Impact

Creativity Indicator (CI) increased!



Student reflection



Greater appreciation for podcast creators and food-culture-health connections.

Understand how challenging public health communication can be!

Respecting both cultures

encouraged me to appreciate both cultures more deeply

Gratitude
Growth
Friendship

Implications

The podcast-based service-learning model developed in this course is highly transferable and can be applied across diverse public health domains to support effective knowledge translation and public engagement.



Guest Lecture by
Award-Winning
Broadcaster