

Defining Educational Problems to Create Educational Solutions

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South Asia Higher Education Symposium - New
Regional Approaches to be held in Istanbul, Turkey from April
23 - 28, 2019



the Hollings Center
for international dialogue



What do I do? Solutionist.

- Identify the problem – listen to stakeholders, conduct a needs analysis
- Analyze data/situation and propose the intervention
- Work with a team to design, development, delivery, and evaluate the solution - workshop, course, eLearning and eBooks)
- evaluate and adapt, adopt
- Share our experience through publication so others can learn and/or to help with scholarship and promotions



Everything Begins with Defining the Problem – Needs Analysis

Before we can solve a problem, we need to know exactly what the problem is.

To understand the problem we need to put a good amount of thinking and resources into understanding it.

- “*Solving problems means listening.*” – Richard Branson
- “*Given one hour to save the world, I would spend 55 minutes defining the problem and 5 minutes finding the solution.*” ~ Albert Einstein

Business – Education Comparisons

- *“If you define the problem correctly, you almost have the solution.”* – Steve Jobs
- *“If you build a solution to a problem lot of people have, it’s so easy to sell your product to the world.”* – Kevin Systrom
- *“Instead of thinking out the box, get rid of the box.”* – Deepak Chopra

Emerging Technologies

“In a New York Minute, Everything Can Change”

- shifts in learning that are being driven and affected by massive technological change.
- strives to understand the conditions under which learning can be made richer, more effective, and meaningful for learners, in online learning environments.
- developing quality standards



Pedagogical Models

"I'd Rather be a Hammer than a Nail"

Voiced concern regarding quality standards with eLearning.

One is distressing the gap between...

the use of
technology



sound
pedagogical
models

(Khan, 1997; Salmon, 2000; & Willis, 2000)

- Partnership Model (1998).
- Demand Driven Learning Model (2001)
- W(e)Learn Framework (2009)



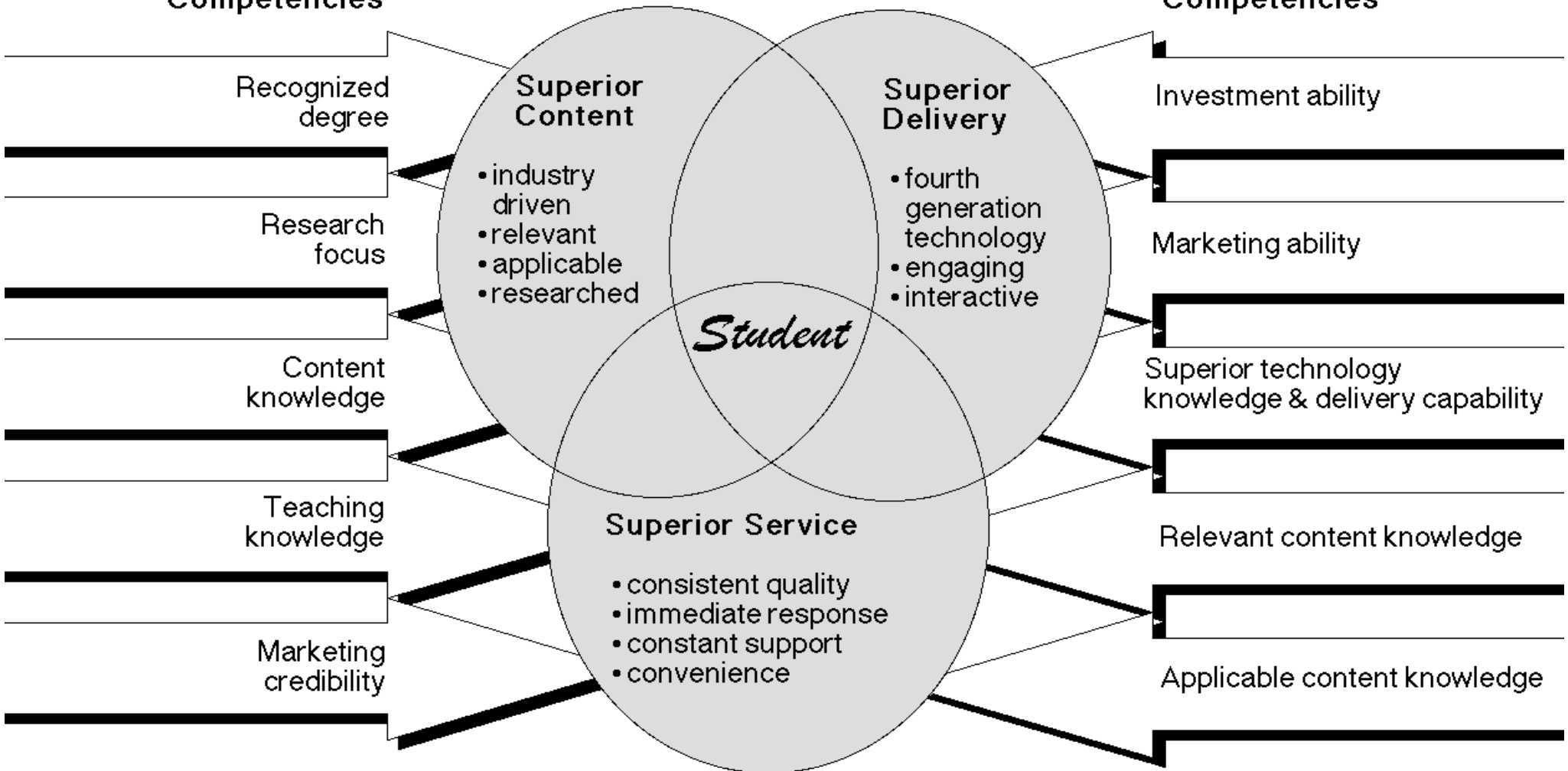
The Partnership Model for Web-Based Learning

Accredited University(ies)

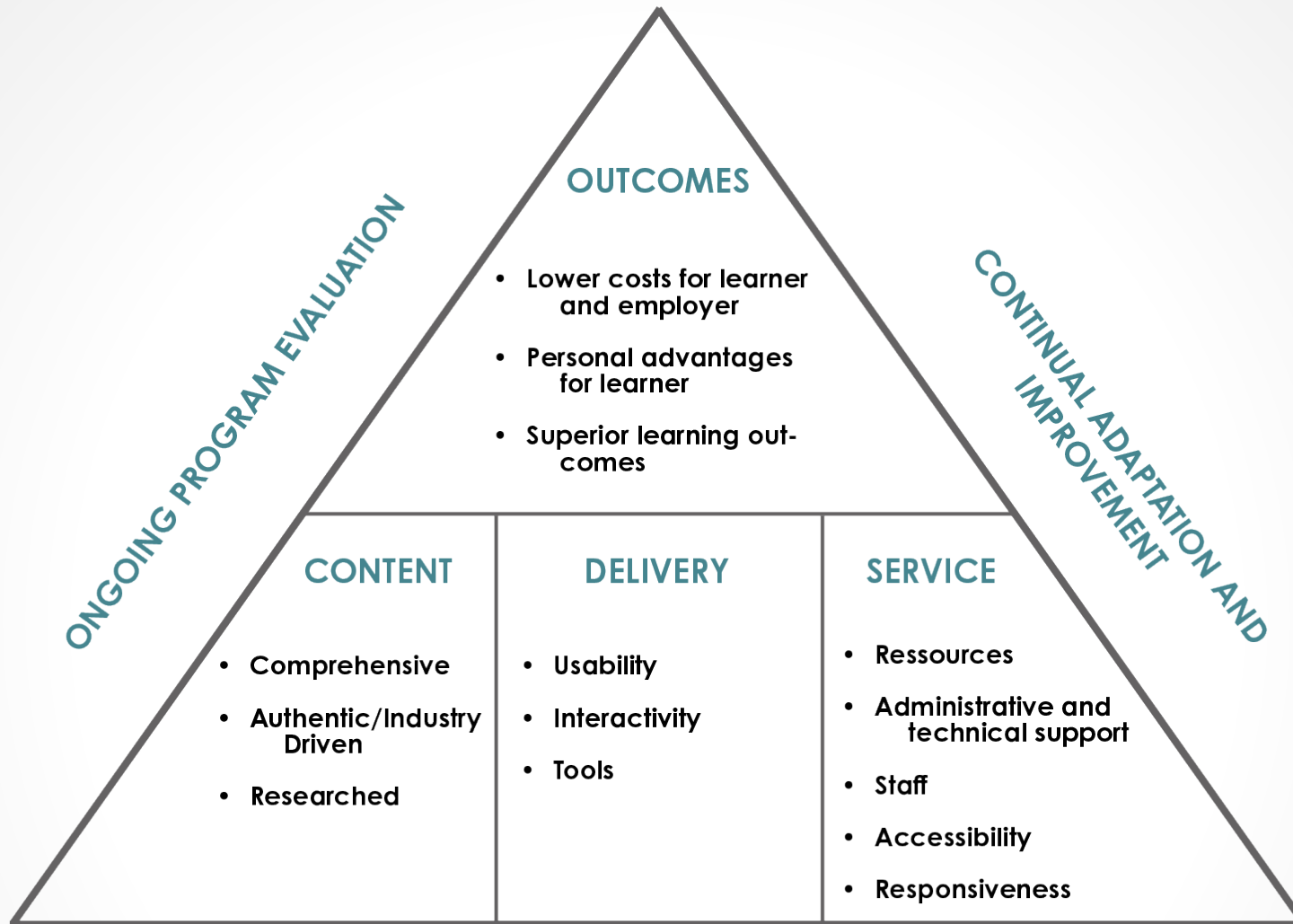
Private Industry

Core Competencies

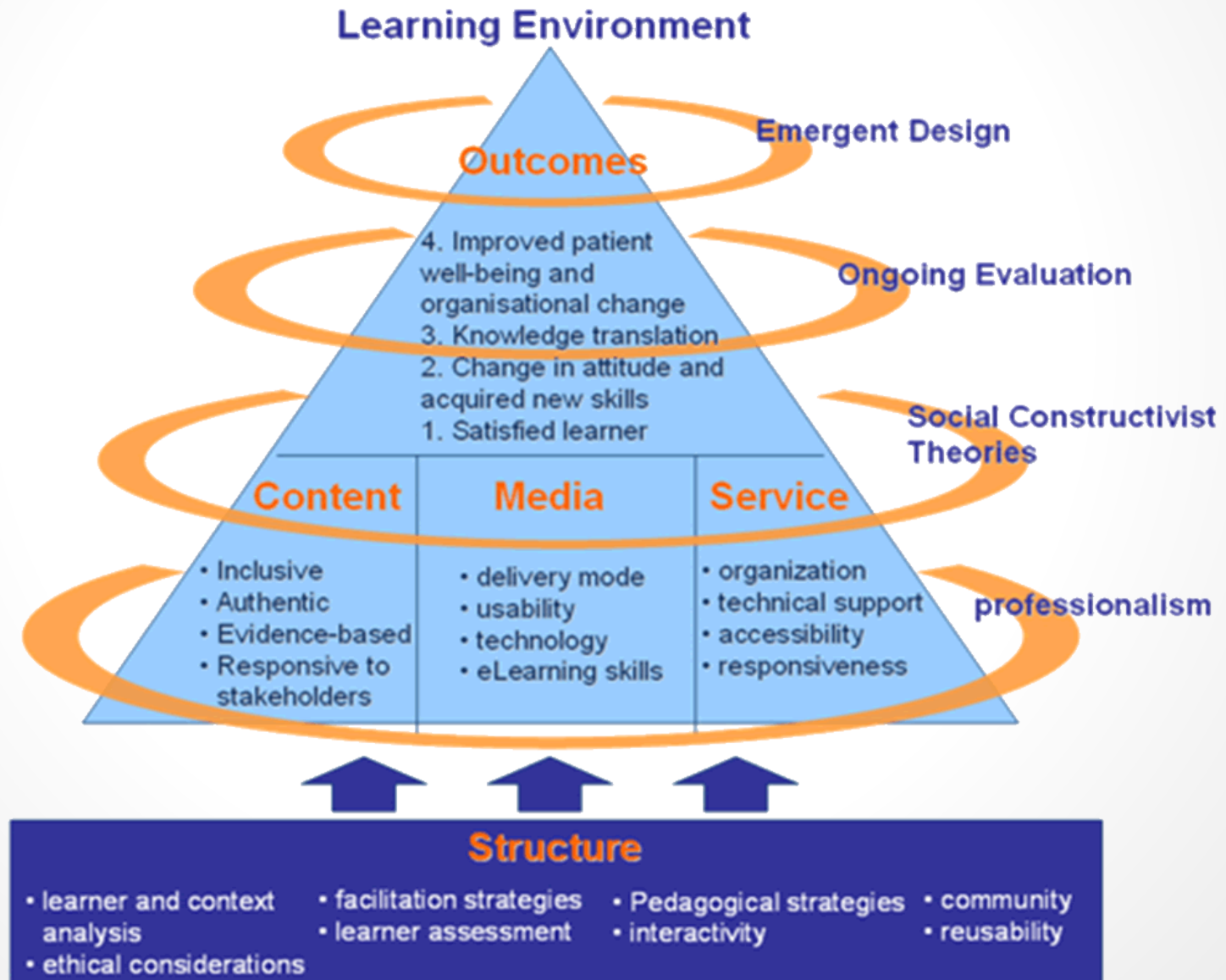
Core Competencies



MacDonald, C.J., & Gabriel, M.A. (1998). Toward A Partnership Model for Web Based Learning. *The Internet and Higher Education: A Quarterly Review of Innovations in Post-Secondary Education*, 1(3), 203-216.



The W(e)Learn Framework



Transition for face-to-face to eLearning

The stages dying of dying (Kubler-Ross, MD, *Death and Dying* (1969))

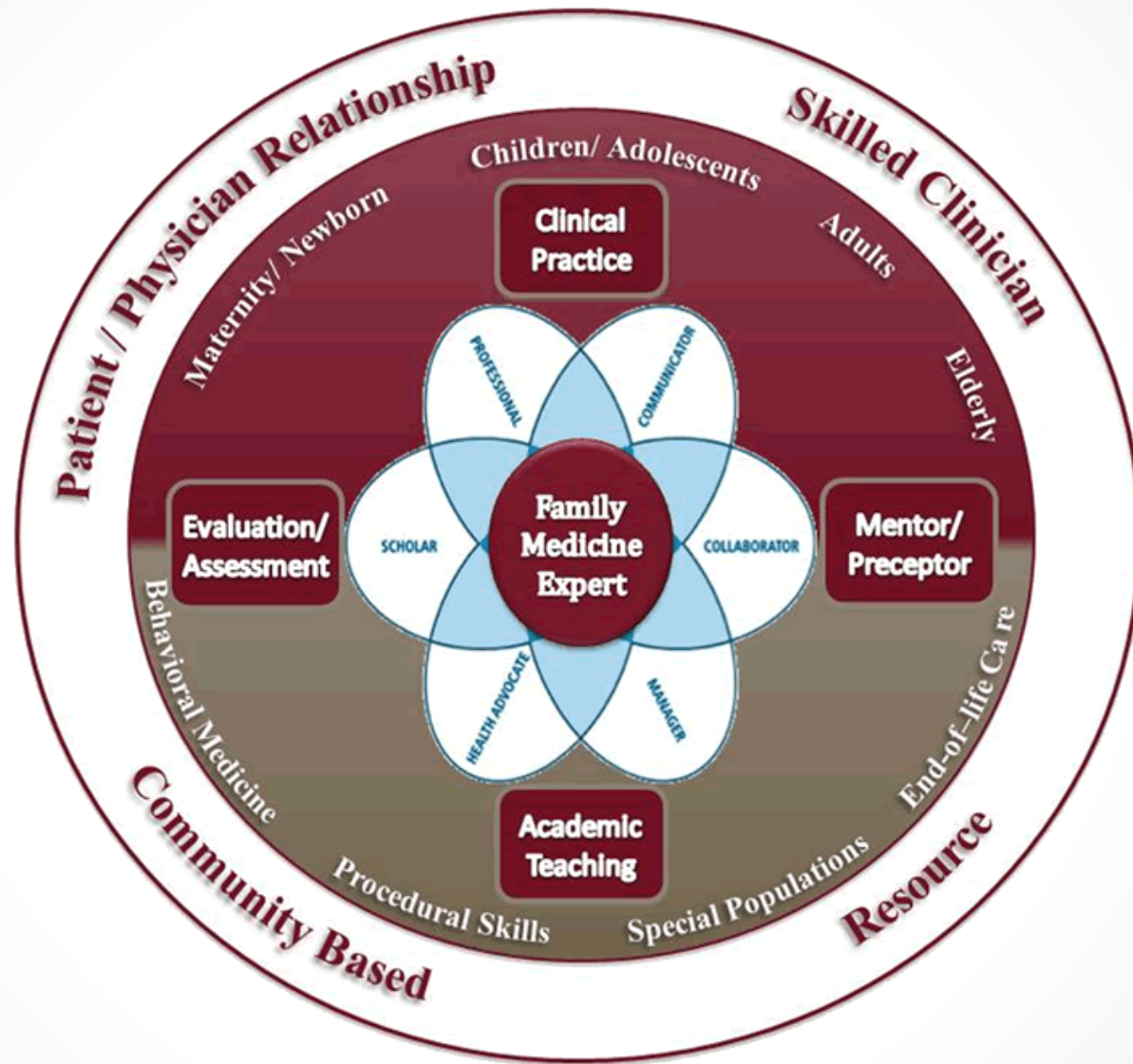
- denial,
- anger,
- bargaining,
- depression and
- acceptance

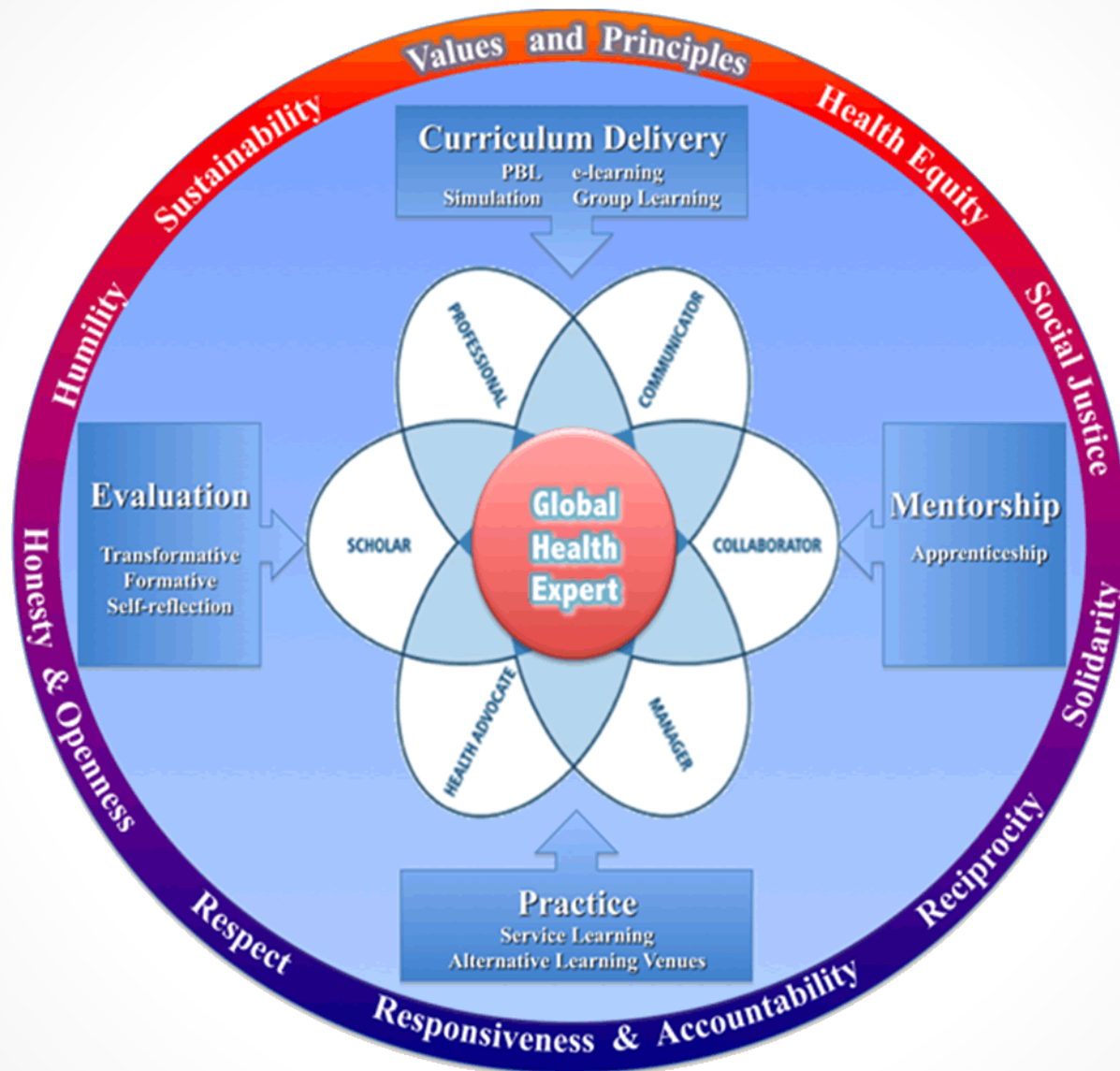


“You Better Start Swimming or Sink Like a Stone, Cause the Times They are a Changing”

- C-FLO
 - [http://learningobjects.durhamcollege.ca/conceptualframeworks/CF LO content.html](http://learningobjects.durhamcollege.ca/conceptualframeworks/CF_LO_content.html)



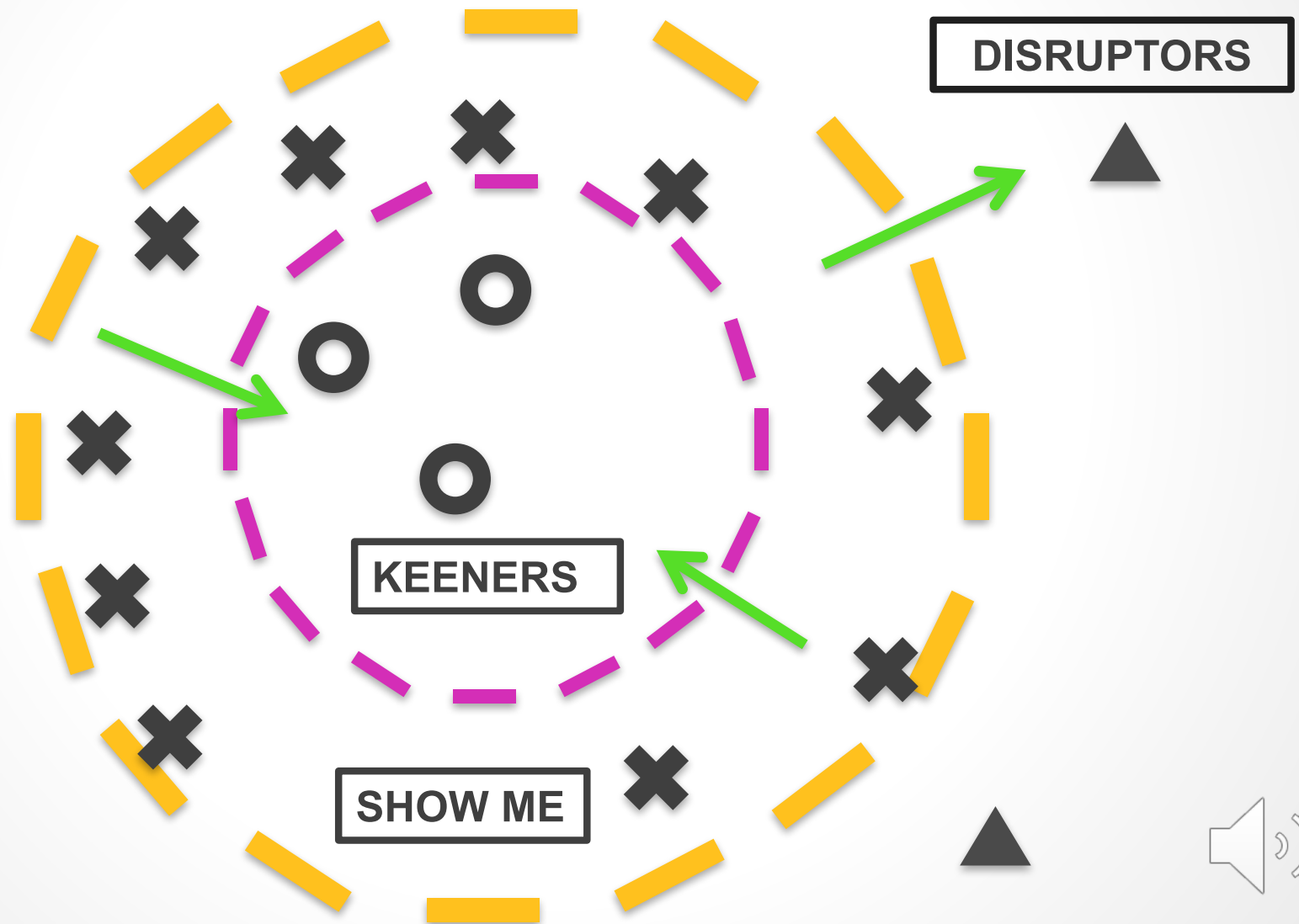




Framework for Global Training Health Education in Postgraduate Family Medicine

Leadership Model

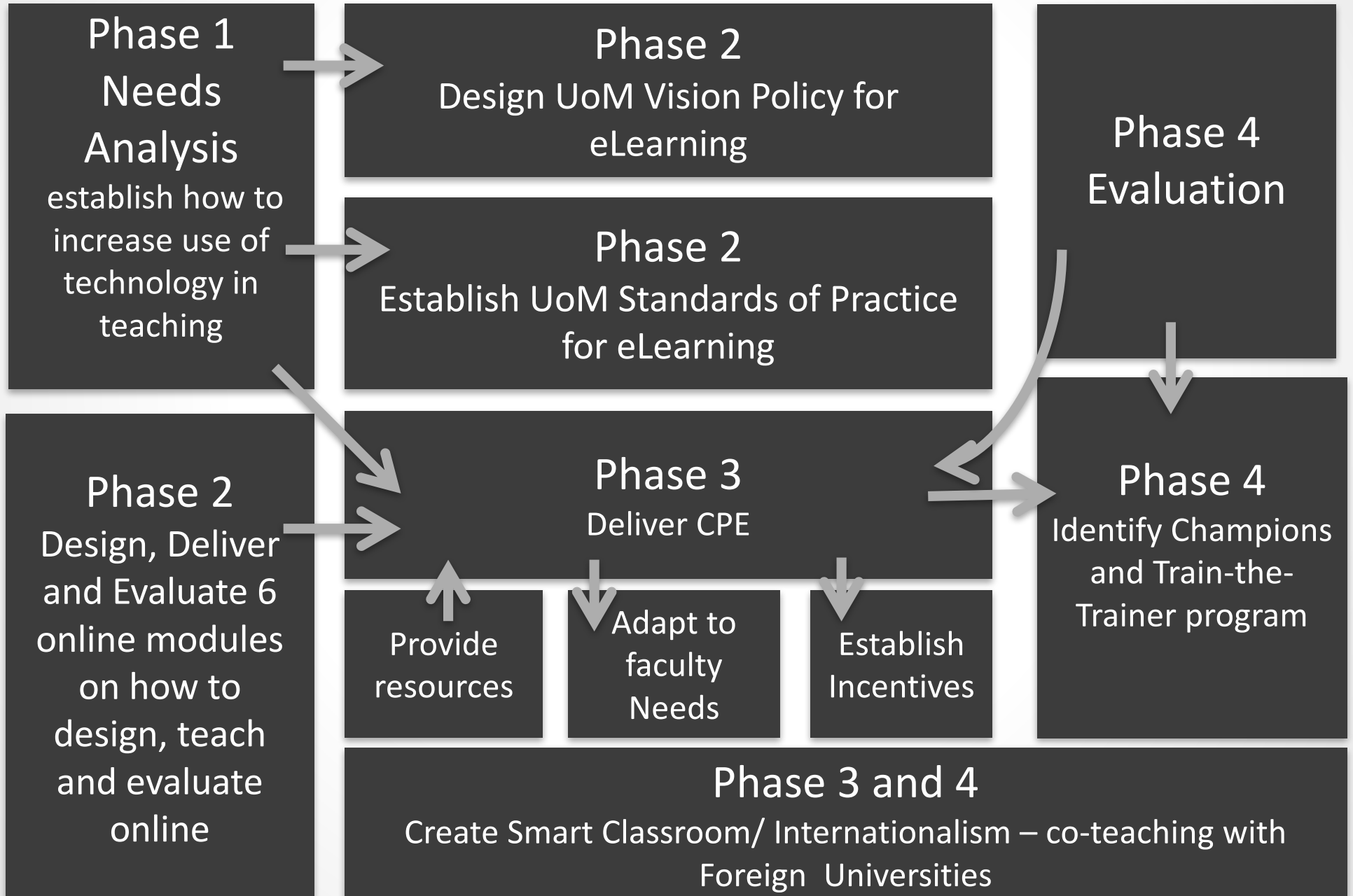
"I Fought Authority Authority Always Wins"



Project Phases and Activities

Completed

Proposed

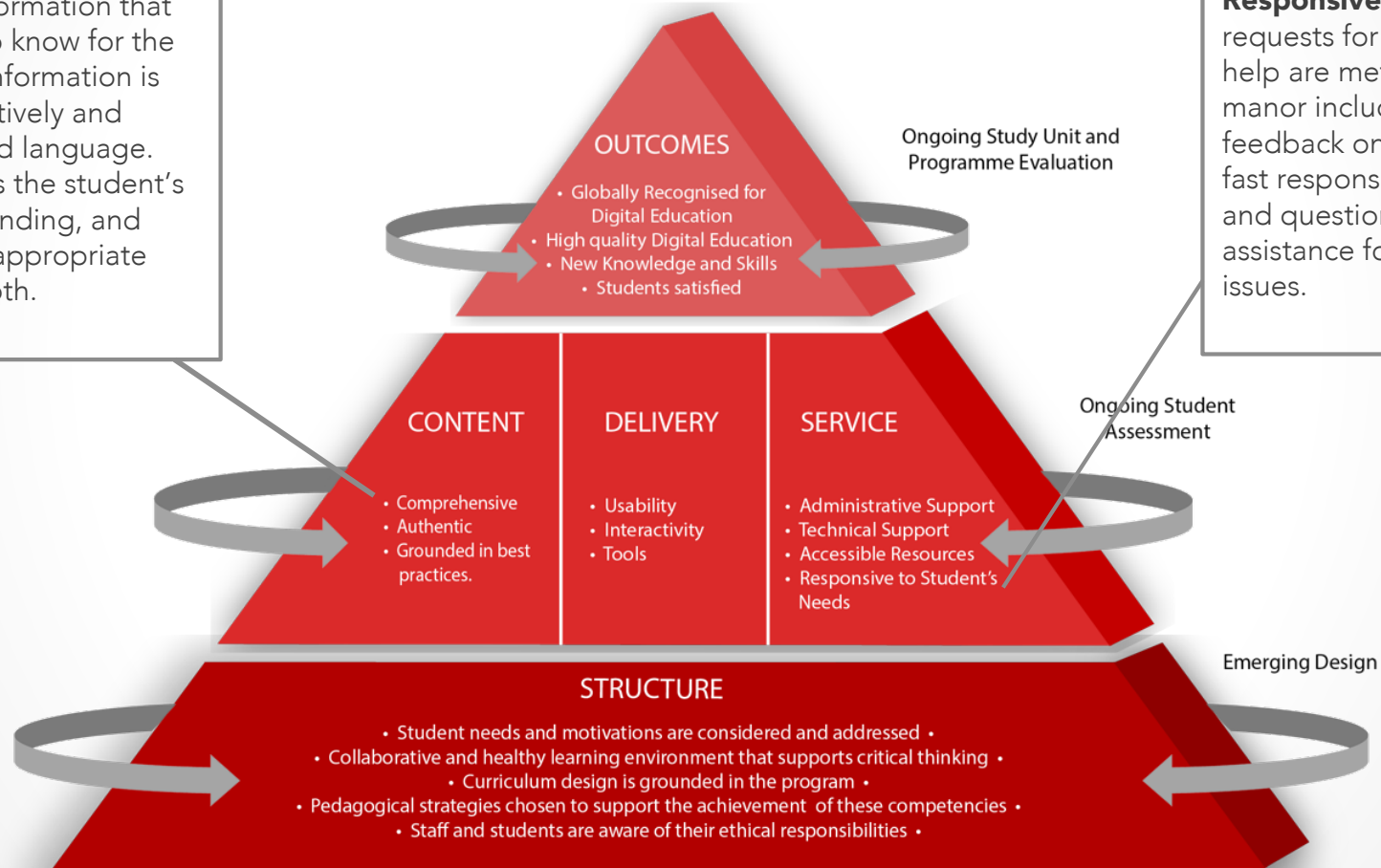


University of Malta Digital Education Framework



Comprehensive – content covers all the information that students need to know for the online session. Information is presented objectively and through unbiased language. Content matches the student’s level of understanding, and covers topics in appropriate breadth and depth.

Responsiveness - All requests for service and help are met in a timely manner including prompt feedback on assignments, fast responses to request and questions, and timely assistance for technical issues.



Digital Initiatives and Timely Solutions (DIG-IT)

DIG-IT provides solutions to address the imbalance and inequity of digital education opportunities offered at EU universities.

Audience

Approximately 5000 academic staff from five universities in Malta, Slovenia, Cyprus, Italy and Finland and 1000 health-care professionals in six Saint James hospital facilities in Malta, Hungary and Libya who wish to collaboratively create, share, and distribute innovative training and teaching resources to support educators by reducing redundancy, time and cost.

Outputs

A quality standard framework and assessment toolkit; a course to teach how to design, deliver and evaluate digital education; a train-the-trainer course to develop champions, and health-care eBooks and apps enabling mobile learning at the bedside to maintain evidenced based practice and patient safety.

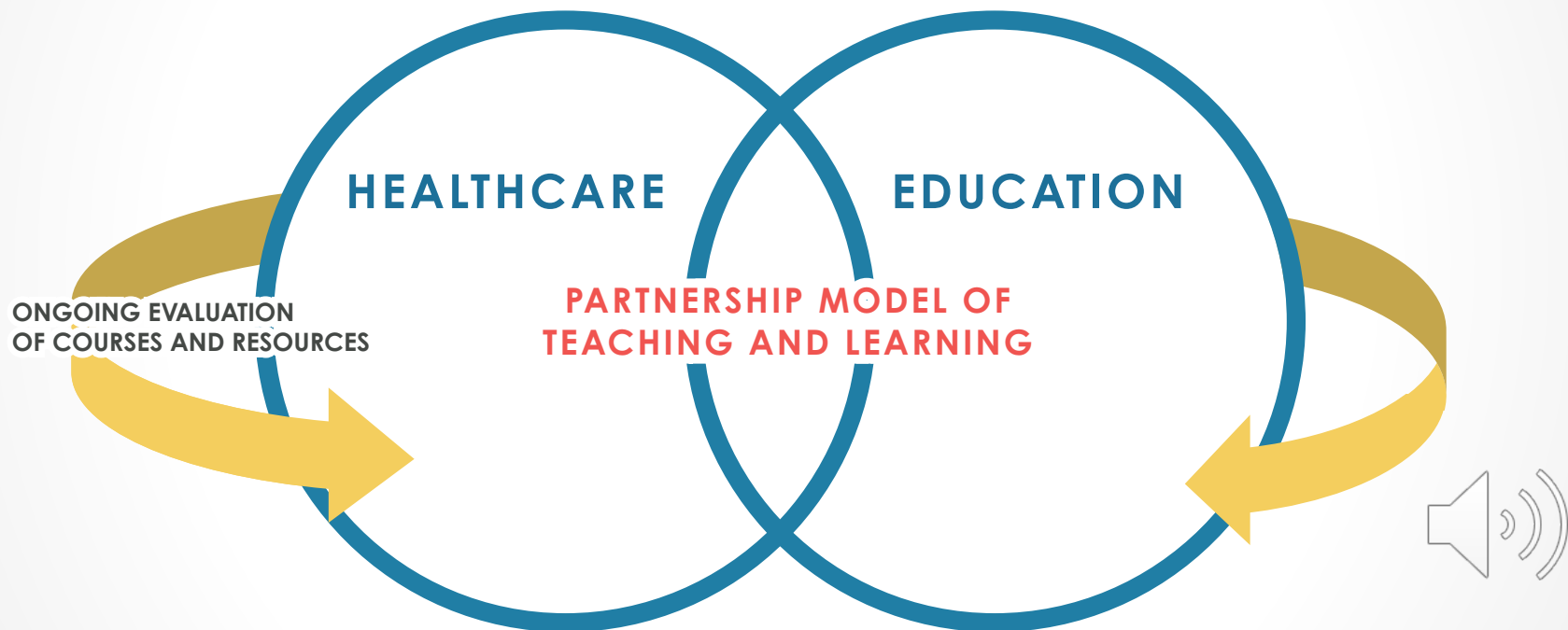
Evaluation

A rigorous mix-methods evaluation of courses and resources will gain an understanding of how and under what circumstances educators transfer learning to teaching, improve product quality, and enable sharing best practices and lessons learned.

OUTCOMES

INCREASE

- Use of technology in teaching
- Global access to free quality resources
- Educational opportunities for students
- Student satisfaction
- Evidence-based teaching practices
- Healthcare training at the point of care
- Collaboration with university and healthcare industries
- International competitiveness in a digital era



Digital Education Framework and Companion Assessment Toolkit

Quality Standards to guide Design, Delivery and Evaluation



HOME

Welcome to the Bookshelf

Here you will find text-based, audio, and video resources. These resources will help you answer the questions you have about caring for residents in the last stages of life and providing support to them and their family.

Don't rush your visit here. There are lots of valuable resources that are tailored to the different areas in which each team member provides care.



If you know of other resources, **contact us** and we will add them to the shelves. When you have finished browsing, click Home to continue.



Caring Together
in the last hours of life



HOME

Section 1



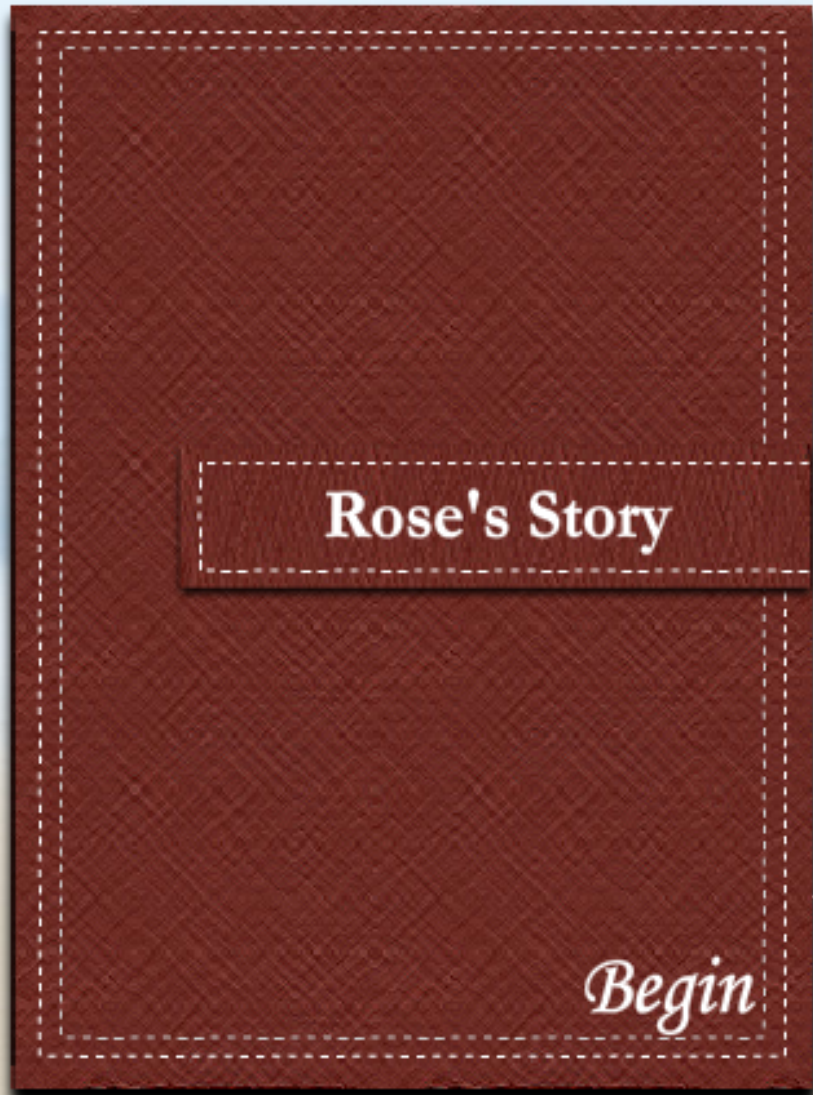
BACK



NEXT

As you engage in this learning experience you will be following Rose on her end-of-life journey. You will get to know Rose through a photo album she and her family have put together. As you go through this album, pay attention to who Rose is as a person, the things she has accomplished in her life, and what her needs are as she comes to the end of her life journey. Print out a blank version of the pie and use it to record her current needs at the end-of-life as you look through the album. Don't forget to consider all four areas of the pie: physical, psychological, social/cultural, and spiritual. Feel free to look through the album as many times as you want. When you are ready, click on the album to start.

[Click here for a blank version of the pie](#)





HOME

1 2 3 4 **5** 6 7 8 9 10 11 12 13 14

Section 1



BACK



NEXT



click +



click +



Caring Together
in the last hours of life

Research Toolkit

An aid to help you address critical health system barriers





ePhysician Health

<http://ephysicianhealth.com/>



National Board of Medical Examiners (NBME)

*“Is This the Real Life, Is This Just Fantasy
Caught in a Landslide, No Escape from Reality”*

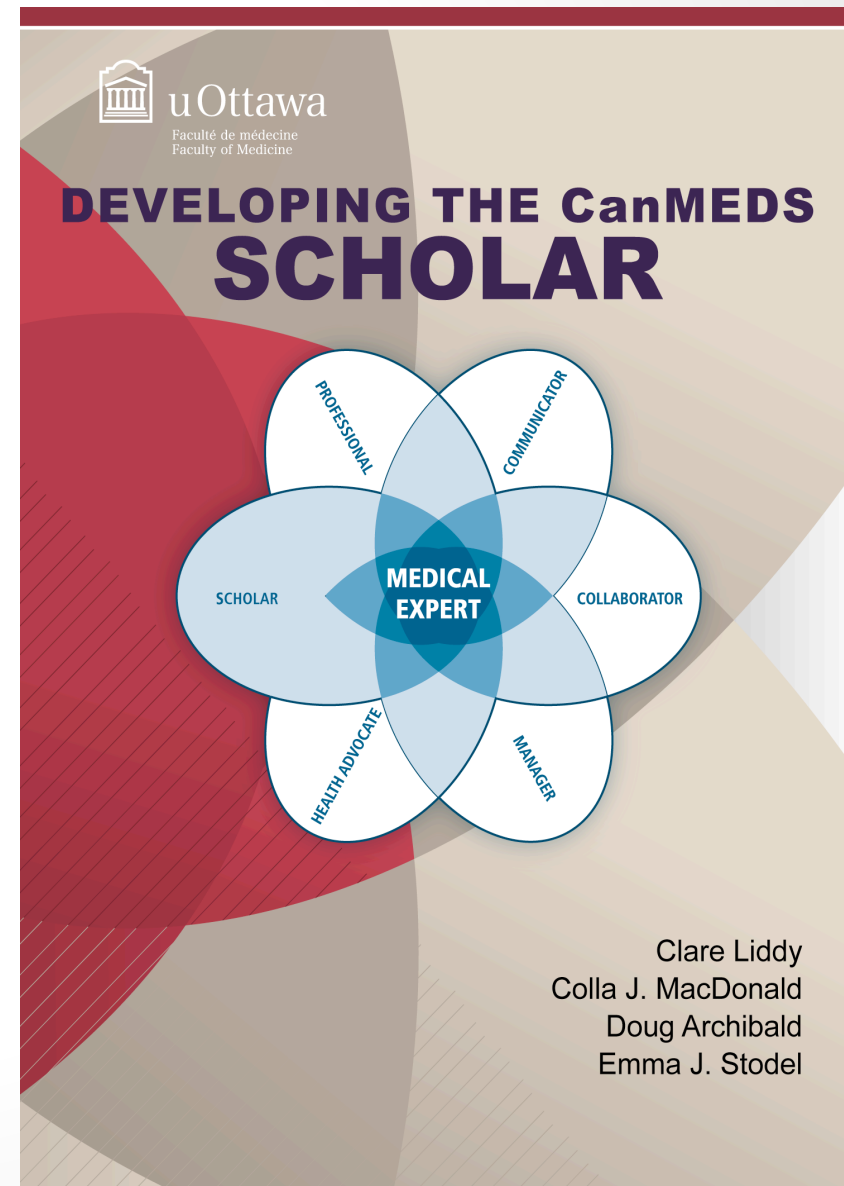
Design and Deliver NBME
University – online modules for an
assessment healthcare educators



<http://www.nbme.org/about/nbmeu/>

*“It's Life's Illusions I Recall
I Really Don't Know Life at All”*

http://www.med.uottawa.ca/postdoctorales/eng/pgme_ebooks.html



COLLA J. MACDONALD EdD

EMMA J. STODEL PhD

TERRIE LYNN THOMPSON PhD

DOUGLAS ARCHIBALD PhD

RONG SUN PhD (c)

introduction to research

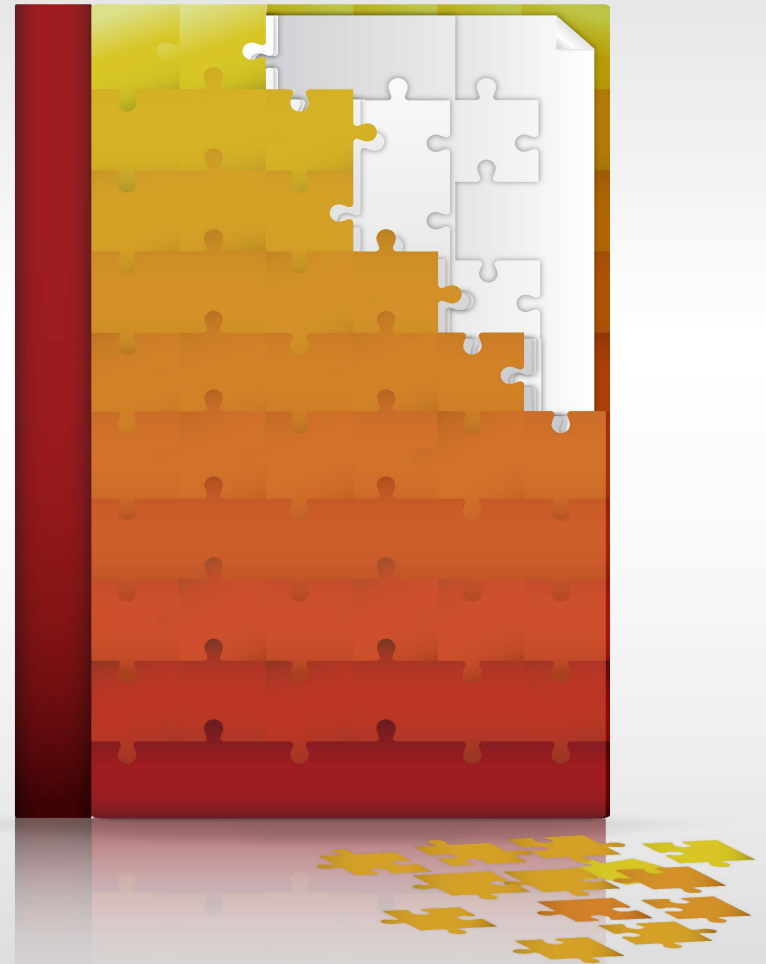
demystifying

the
research process

COLLA J. MACDONALD

Heather Mace | Douglas Archibald | Rong Sun

LESSON PLANS TO RUBRICS



A Practical Guide to Curriculum
Design for K-12 Educators



Resources

Caring for Persons with Spinal Cord Injuries

<http://eprimarycare.onf.org/>

Family Medicine Curriculum Framework

<http://familymedicine.uottawa.ca/curriculum-framework/ADT-Maternity-Newborn.html>

Non Medical CanMed Role eBooks

Demystifying the Research Process:

https://www.amazon.com/Introduction-Research-Demystifying-Process-ebook/dp/B00EO5MGCC#reader_B00EO5MGCC



“You know I’ve Always Been a Dreamer”

