The Global Health "Interactive Curricula Experience (iCE) Platform & App": Technology that Enables Inter-professional Innovation

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The Global Health “Interactive Curricula Experience (iCE) Platform & App": Technology that Enables Inter-professional Innovation

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Presenter Disclosures

James Plumb MD, MPH

(1) The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

No Relationships to Disclose
Thomas Jefferson University, located in Philadelphia, is dedicated to the health sciences and community health via education, research, and health services to improve the health of the populations we serve.
Background

Center for Teaching and Learning (CTL)

• Promotes teaching excellence and effective student learning through the use of advanced education techniques, effective information technologies, and models of best practices in order to foster creativity, collaboration, and innovation.

• The Center provides service to all Jefferson faculty, staff, and students, helping each achieve their goals in class and in practice.
About the *Interactive Curricula Experience* (iCE)

- The "interactive Curricula Experience (iCE) Platform & App" is an innovative technology that is timely and important for medical educators.

- It is a content management system that facilitates the organization and delivery of Jefferson-developed content for faculty.

- iCE provides a mechanism to rapidly create new learning objects/course content that can be accessed, used as is, or duplicated and modified by instructors for use in different courses.

- The courseware is available to students via iPad, as well as on laptop and desktop computers.

- It enables migration to new academic models with engaging content that encourages exploration.
Background

Global Health Initiatives Committee (GHIC)

• Serves the Jefferson community as the *point of engagement* for students & faculty interested in medical and public health issues that transcend national boundaries

• Creates an *institutional focus* on preparing students for public service careers in population health and public policy at local, national, and global levels
Goal

To enable all TJU faculty to:

- Deliver global health education, in a friendly, interactive format
  - Does not require an expert to deliver
  - Can be used in very small or large pieces depending on needs
iCE Dashboard Used to Develop a Global Health Module

• Built utilizing existing curricula and up-to-date evidence based research

• Utilizes multiple methodologies to draw attention to key issues, terminology, and information; these include: “watch and learn” animation, hot spots, meters, timelines, decision trees.

• Fluidly adapts and incorporates the newest information, crises, global summits, and events

• Monitored continuously and periodic quantitative and qualitative evaluations with instructors and students are planned.
Global Health in the Classroom: List of GHIC Modules

- Intro to Global Health - Topics, History & Trends
- The Role of Culture in Global Health
- Using Medical Interpreters
- Measuring Global Health
- Social, Economic and Political
- Dimensions/Determinants of Global Health
- Human Rights Dimensions of Global Health – Ethics, Health, Equity
- Healthcare Delivery Systems
- Global Health Policy
- Communicable Diseases
- Non-communicable Diseases
- Women's and Children's Health
- Nutrition and Mental Health
- The Global Response/Disasters
- Environmental Dimensions of Global Health
My Dashboard

Your dashboard shows you all content you have entered into iCE. If you wish to add a new collection or object, click the appropriate button.

ADD CLASS

ADD MODULE

ADD TOPIC

ADD OBJECT
Module

LI 002: Global Health

Introduction to Global Health
Martha Ankeny
Added 08/10/2015 | 7 Topics

Working with Medical Interpreters
Martha Ankeny
Added 08/10/2015 | 4 Topics

Non-communicable diseases
Martha Ankeny
Added 08/10/2015 | 1 Topic
Introduction to Global Health

Martha Arkeny
Added 08/10/2015 | 7 Topics

What is Global Health?

Global Health signifies a new strategy for improving the health of all people, and in turn promoting economic and social development. The health of each of us is linked to the health of all of us.

Global Health definitions:

- Global Health is the strategy for improving the health of all people.
- Global Health is a new approach to promoting health.
- Global Health is the strategy for improving the health of all people and in turn promoting economic and social development.
The Multiple Determinants of Global Health

https://ice.jefferson.edu/node/4789

Communicable Disease

https://ice.jefferson.edu/node/1204
Linear “Timeline” Object

1998
NT’s Bill of Rights and Responsibilities

2000
Executive Order 13166: "Improving Access to Services for Persons with Limited English Proficiency"

Requires federal agencies that provide federal financial assistance to develop guidance to clarify the language access obligations of recipients of such assistance.

http://www.lep.gov/faqs/faqs.html#Two EO13166_FAQ

2008
The Joint Commission

Working with Medical Interpreters

Meter Object

What percentage of the entire population in the U.S. (above the age of 5) speaks a language other than English at home?

0 %
Cultural Empathy and Humility

PRESumptive Culture

This layer of culture presents attributes that may seem readily observable but much of the meaning is not explicitly apparent without interaction and inquiry. It includes concepts like:
- Nationality
- Physical Ability
- Ethnicity
- Wealth
- Social Status
- Culture
- Religion
- Living Environment

This layer is partially observable and may lead to assumptions that support unconscious stereotypes. Example: This person is dressed in old clothing and therefore must be poor.
Next Steps and Challenges

• Entire module could be used in a classroom “lecture”

• A particular topic(s) and/or object(s) within a module could be used in the classroom to be incorporated into something one already does

• Could post module (or any combination of its components) in Blackboard Learn for students to use for an assignment or as a study aid

• Use a module and add discipline-specific content to it

• Combine different components (topics and objects) to form your own module

• The ongoing challenge is having to continuously update the information.

• Faculty monitor websites and review relevant articles, reports, conferences, webinars and post them to iCE modules.