College of Population Health Lectures,
Presentations, Workshops

Jefferson College of Population Health

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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
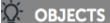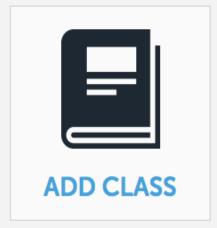
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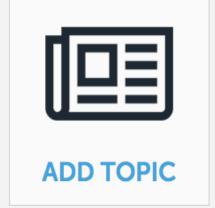
SEARCH

CLASSES

MODULES

TOPICS

OBJECTS

iCE HOME

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.
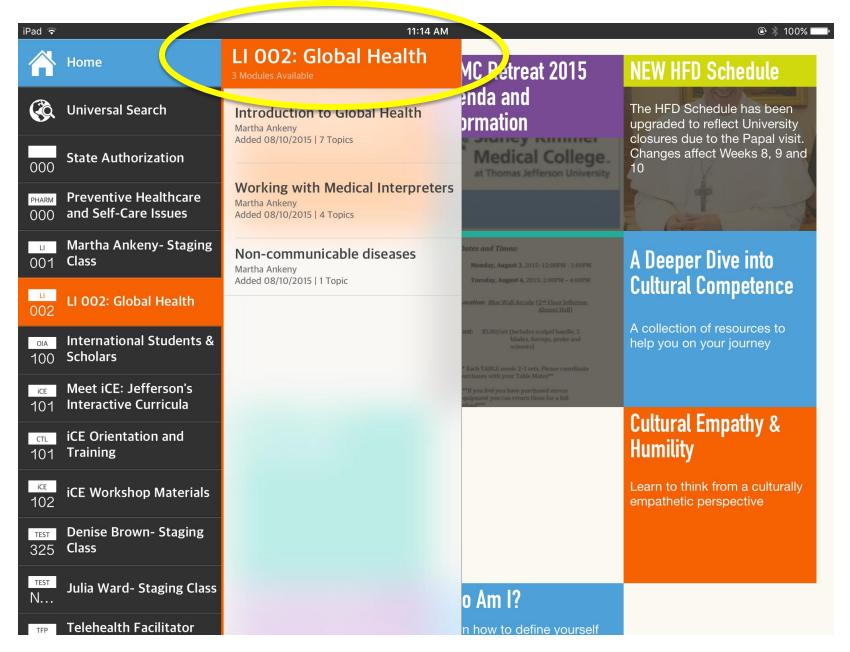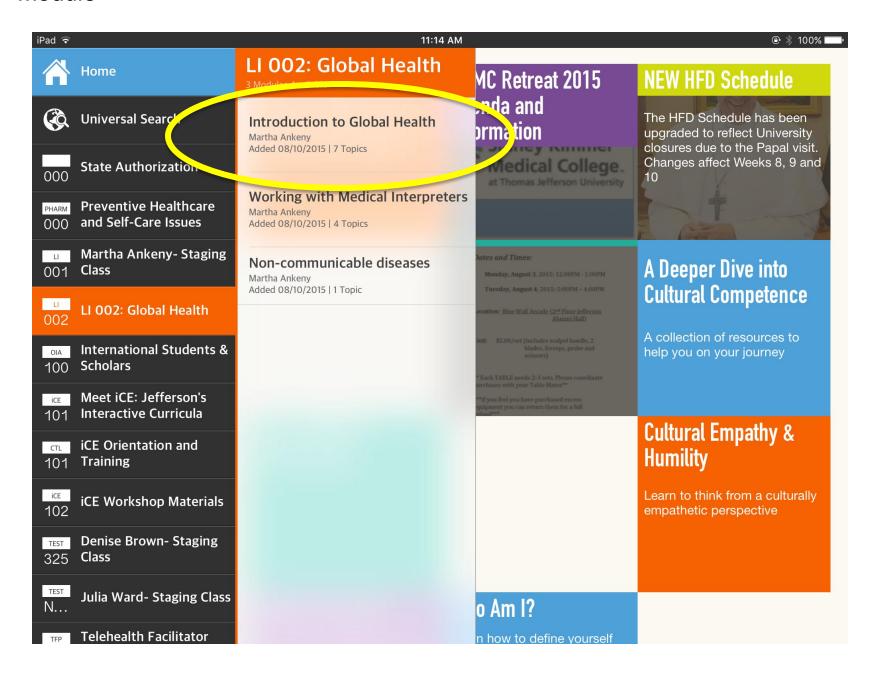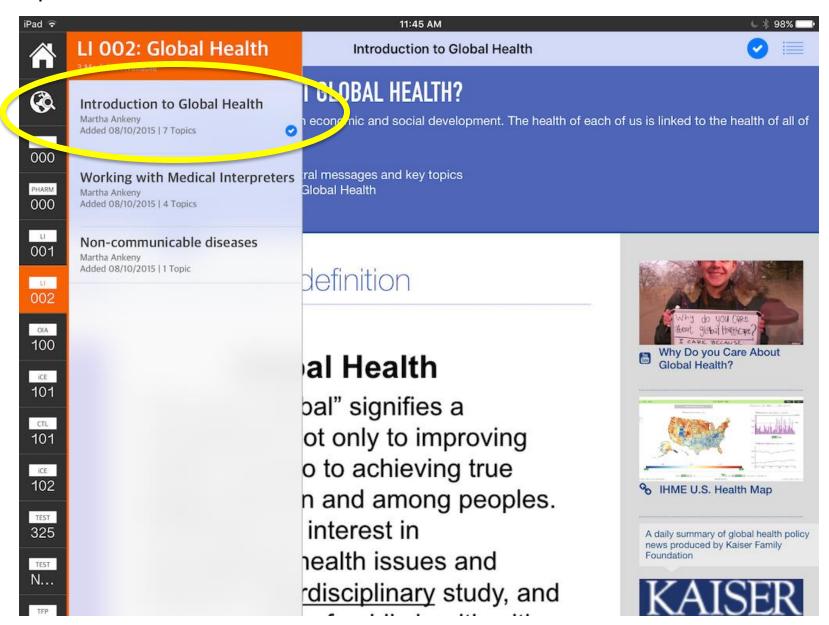
ADD CLASS

ADD MODULE

ADD TOPIC

ADD OBJECT

Class

iPad 🛜   11:14 AM   🔒 ❋ 100% ▬

| Home |
| Universal Search |
000	State Authorization
PHARM 000	Preventive Healthcare and Self-Care Issues
LI 001	Martha Ankeny- Staging Class
LI 002	LI 002: Global Health
OIA 100	International Students & Scholars
iCE 101	Meet iCE: Jefferson's Interactive Curricula
CTL 101	iCE Orientation and Training
iCE 102	iCE Workshop Materials
TEST 325	Denise Brown- Staging Class
TEST N...	Julia Ward- Staging Class
TFP	Telehealth Facilitator

LI 002: Global Health
3 Modules Available

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

MC Retreat 2015
enda and
ormation

Sidney Kimmel
Medical College.
at Thomas Jefferson University

NEW HFD Schedule

The HFD Schedule has been upgraded to reflect University closures due to the Papal visit. Changes affect Weeks 8, 9 and 10

Dates and Times:

Monday, August 3, 2015: 12:00PM - 1:00PM

Tuesday, August 4, 2015: 2:00PM – 4:00PM

Location: Blue Wall Arcade (2nd Floor Jefferson Alumni Hall)

Cost: $5.00/set (includes scalpel handle, 2 blades, forceps, probe and scissors)

* Each TABLE needs 2-3 sets. Please coordinate purchases with your Table Mates**

If you feel you have purchased excess equipment you can return them for a full efund*

A Deeper Dive into Cultural Competence

A collection of resources to help you on your journey

Cultural Empathy & Humility

Learn to think from a culturally empathetic perspective

o Am I?

n how to define yourself

Module

Topic

Topics

The Multiple Determinants of Global Health

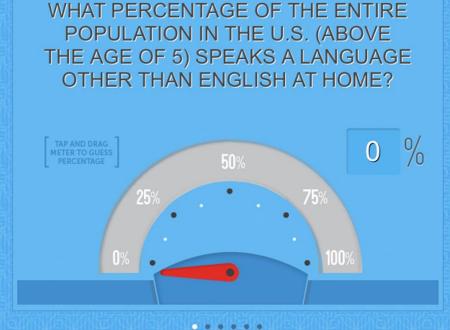https://ice.jefferson.edu/node/4789

Communicable Disease

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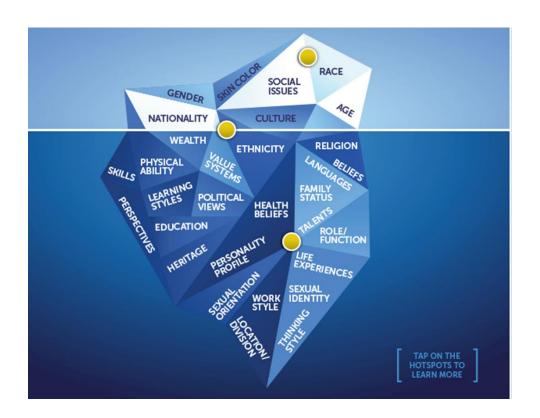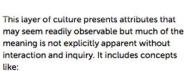
Linear "Timeline" Object

Meter Object

Working with Medical Interpreters

Hotspot Object

Cultural Empathy and Humility

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.